

Budget dilemma

In spite of enormous reinvestments, the university's operating budget remains a challenge.

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The tuition solution

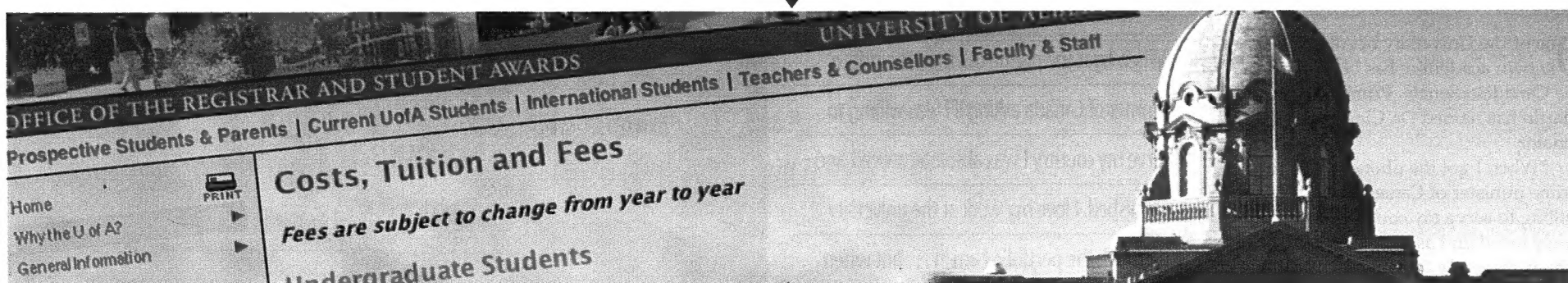
What should the Alberta government's new tuition policy look like? Students and administration weigh in.

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Hair today...

Campus Security Services sheds its locks to raise funds for cancer research.

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UNIVERSITY OF ALBERTA

folio

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For love or money

One's confused with the other in *The Beaux' Stratagem*

By Gilbert A. Bouchard

Director James DeFelice isn't going to be burdening his Studio Theatre production of *The Beaux' Stratagem* with any over-the-top textual adaptations or contemporary spins.

According to the well-known theatrical professional, professor emeritus of drama and 2005 Mary Mooney Distinguished Visiting Artist, the 1707 classic Restoration comedy by George Farquhar is not only one of the wittiest of plays from that period and a massively entertaining swashbuckling romance, the issues it raises don't need any modern help.

"I'm not looking for what is contemporary in this play because the issues addressed in the play still resonate clearly over the years," he said of the fifth offering of Studio Theatre's 2004-2005 season. *The Beaux' Stratagem*, the story of two dandy-yet-broke London gentlemen (played by Stephen Kent and Justin Sproule) who disguise themselves as a lord and his servant to woo, marry and fleece rich country women, runs until April 9 at the Timms Centre for the Arts.

Written on Farquhar's death bed, *The Beaux' Stratagem*, like the author's earlier classic, *The Recruiting Officer*, was more naturalistic than other plays in the era and was based on the author's real-life experiences and observations, says DeFelice.

"He actually did enlist for the money and served as a recruiting officer and all his plays make specific references to places and historical events. The action takes place on a more human level and is less artificial than other plays – his characters are who they are."

This veracity goes a long way to explain Farquhar's strong statements on love, marriage and divorce as well as questioning class and power structures of the period, says the eloquent director, asserting that *The Beaux' Stratagem* was a transitional artwork between the general licentiousness of Restoration drama and the humanism that would flourish in the later decades of the 18th century.

DeFelice, who retired in 2002 after teaching at the U of A for more than three decades, was tapped on the shoulder to



Dorinda (Tracy Penner) is smitten with Aimwell (Justin Sproule) in a scene from the Studio Theatre Production of *The Beaux' Stratagem*. The play runs March 31 to April 9 at 8 p.m., with a matinee performance April 7 at 12:30 p.m. and no show on Sunday, April 3, 2005. Tickets are \$8 - \$20, at TIX on the Square at 3 Sir Winston Churchill Square, by phone at (780) 420.1757, and online at www.tixonthesquare.ca. Walk-up tickets can be purchased at the Studio Theatre Box Office in the Timms Centre one hour prior to curtain, for that day's performance only.

direct this particular production because of his extensive research in the era and his familiarity with the author.

The Restoration era was the historical period following the restoration of the British monarchy in 1660. The period boasted a flourishing English art scene including poets such as John Dryden and Samuel Butler, as well as myriad playwrights – including Farquhar, William Wycherley and William Congreve – who wrote comedies of manners in the style of French farce.

Typical of works of that era, the play is huge, says DeFelice. To fill the 25 roles in the work, he's not only had to double up the parts many of his actors are play-

ing, he also had to add three guest artists to the 11 graduating BFA Drama students who make up the core of the Studio Theatre company.

"Because of the play's size it's not often done. This could very well be a once-in-a-lifetime opportunity to see a full production of the show."

Describing himself as a teacher-artist, DeFelice says the play is also a perfect work to stage in a teaching institution like the U of A's Drama Department, noting that the play's rich historical context and production demands (including extensive fight scenes) is rife with thespian-oriented challenges.

"The students learn how to bring

themselves into period and how to deal with heightened language. This is a skill set that translates into so many other authors, from Marlowe to Racine."

Calling the U of A drama program "the best in the country", DeFelice is proud to have taught and mentored "wave after wave" of theatrical talent in the program, from high-profile alumni like Paul Gross to more recent graduates like Chris Craddock.

"No other school has made such a national impact," he said.

"(Broadcaster) Fil Fraser used to say that the sun never sets on the BFA Acting Program because our actors are working all over the country and the world." ■

Richard Cairney

Ottawa calling

Tardif appointed to Senate

By Richard Cairney

One of the University of Alberta's best-known academics has been appointed to the Canadian Senate. Prime Minister Paul Martin has named Dr. Claudette Tardif a senator.

"When I got the phone call from the prime minister of Canada asking if I was willing to serve my country I was absolutely awed and astonished," said Tardif, who is presently the university's acting vice-president (External Relations), and has served the university in various capacities for nearly three decades.

"I love my work at the university and I love the portfolio I am in . . . but when you are asked that question I could not help but say I'd be honoured and I'd be humbled."

Tardif, who headed western Canada's largest French-speaking faculty for eight years, made the remarks at a press conference in the university's own senate chamber, which was crowded with colleagues and well-wishers. In testament to the respect she has earned over the years, Tardif was greeted by a thundering standing ovation when she stepped into the room.

"This is an overwhelming day," she said, adding that "the joy is dampened by the thought of leaving all of you."

Tardif said she is looking forward to making a difference as a senator and hopes

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— Dr. Claudette Tardif

to work on committees dealing with post-secondary education, language and minority rights, energy and aboriginal issues.

The issue of Senate appointments in Canada is highly politicized, with movements across the country to reform or abolish the upper chamber. And although she has chosen to sit as a Liberal in the Senate, Tardif was pleased by the fact that her appointment is in no way political.

"I'm not a politician, I'm an academic," she said, adding that her appointment makes it clear that "everyday Albertans" can be named to the senate.

A native Albertan who can trace her family's roots in the province to 1902, Tardif's achievements as an academic are exceptional. She earned three degrees at the U of A and joined the university as a sessional lecturer with a joint appointment to the Faculty of Education and Faculté Saint-Jean (FSJ) in 1977. She served as dean of FSJ from 1995 - 2003. Working with the deans of business and nursing, she established the first joint bilingual business and nursing programs in Canada and western Canada respectively. During her tenure, FSJ created a Canadian studies centre and an institute for the study of western Canada's francophone heritage, and oversaw the development of a \$7.5-million, 100-student



Dr. Claudette Tardif, with Provost and Vice President (Academic) Dr. Carl Amrhein and board of governors Chair Jim Edwards, speaks to reporters after her appointment to the Senate was made public.

residence. FSJ was also awarded the prestigious 3-juillet-1608 prize by the Quebec government for its contributions to the French language community in North America.

Known nationally for her work in the field of French-language education and community development, Tardif was a recipient of the Prix-Maurice-Lavallée from the Association canadienne-française de l'Alberta.

Tardif will be sworn in as a senator April 12.

As acting vice-president, (External Relations), Tardif has overall responsibility for Campaign 2008, the university's ambitious \$310-million fundraising campaign, as well as for alumni affairs, advancement,

communications and marketing and development.

U of A Provost and Vice-President (Academic) Dr. Carl Amrhein said he'd like to see the selection process begin as soon as possible so that by July 1, when Dr. Indira Samarasekera is installed as the university's new president, she has a short list of candidates to scrutinize. Providing Tardif can hold her university position until the end of June, that would leave just a few weeks during which the directors of External Relations could conduct the portfolio's business affairs.

"They have the full faith and confidence of the Executive Planning Committee," Amrhein said. ■

folio

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Board approves deficit budget

\$4.5 billion in recent funding announcements won't affect operating budget

By Richard Cairney

The University of Alberta Board of Governors has approved a \$1-billion consolidated budget that includes an operating budget deficit of \$3.7 million amidst strong hopes for increased provincial funding and warnings it is running on an unsustainable financial plan.

"The business model we are working with now is broken," Vice President (Finance and Administration) Phyllis Clark told board members during a March 18 meeting. "Our largest expenses, salaries and benefits and energy costs, are growing faster than our revenues."

Board members grappled with the stark reality that the university is struggling financially even though the provincial government has recently announced plans to invest \$4.5 billion in endowments in support of research grants and scholarships.

Without confirmation that the province's upcoming budget will provide financial relief, the board approved the deficit budget.

In a detailed budget presentation, Clark pointed out that the provincial government presently contributes less than half of the university's \$1 billion in consolidated revenues, and that its share doesn't cover utilities, salaries and benefits.

While budget projections show the university's fiscal situation improving slightly in 2005-06, with an operating deficit of \$3.7

million, followed by a forecast \$1.6-million operating deficit in 2006-07, forecasts show subsequent deficits increasing to \$13 million in 2008-09. The projections are based on the assumption that government funding levels are held at annual increases of two per cent and that no budget cuts are implemented by the university.

The university also has a funding gap of \$48.7 million, Clark noted. The figure includes unmatched research funding, the costs of students unsupported by provincial funding, 'lights on' operating costs for existing facilities and building operating funds for unsupported buildings.

Despite the doom-and-gloom scenario the university faces with the budget, there have been strong signals from the provincial government that it will increase operating funding levels to post-secondary institutions across the province.

"If nothing comes in the April budget, it will be a very bleak day," said Provost and Vice President (Academic) Dr. Carl Amrhein. "But we've heard a very clear message (from the provincial government) that says 'we've heard you . . . start thinking about expanding.'"

Amrhein added that the ratio of professors to students has decreased dramatically over recent years owing to budget shortfalls.

"There are 8,000 more students and 200

- 300 fewer professors than there were over a 10-year time frame," he said. "That's a harsh story but we're hoping that in April we will see that reversed."

Both Amrhein and Clark cautioned board members, however, that financial relief to close the \$48.7-million budget gap doesn't represent a windfall. If the funding does come through, Clark said, "everyone will believe every desire can be met." The challenge will be applying those funds responsibly. "We will have to be modest."

"We're trying not to raise expectations," Amrhein told the board. "The \$48.7 million will allow us to do what we are currently doing today, without any further shrinkage." ■

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Tackling tuition

The province vows to establish Canada's finest tuition policy. What will it look like?

By Lee Craig

The upcoming government review of tuition policy for Alberta's post-secondary institutions, in addition to the recent \$4.5 billion infusion of cash, has enthused campus members, but also demonstrates a not-so-subtle difference in what the goals of the new policy should be.

The VP academic and provost at the University of Alberta sees accessibility as being one of the review's most important goals. And accessibility includes costs of moving to a new city.

"The real prize for me is when the ministry talks about a tuition policy together with a provincial funding policy that insures access for students, regardless of where they live in Alberta," said Dr. Carl Amrhein. "I hope the review comes up with a financing mechanism recognizing not only what students pay for tuition but what they have to pay to access education in Edmonton, Calgary, or Lethbridge."

He further said that the announcement on tuition policy, made during the recent speech from the throne that opened the spring session of the Alberta Legislature, heralds a commitment to renew the entire structure of tuition. The review is expected to begin soon, and Amrhein hopes that the government will have recommendations in October.

"We are going to be busy over the summer," he said, pointing out that his office, Vice President (Finance and Administration) Phyllis Clark, and student groups will be consulted during the review.

Having student groups included in the discussions is naturally something student leaders agree with.

"We want to make sure we have a seat at the table," said Jordan Blatz, president of the Students' Union.

Although Blatz doesn't yet know how large a role student groups will play in the discussions, he hopes the Students' Union's position of working towards affordable tuition will be addressed and that operating funds for post-secondary institutions are increased.

The new Access to the Future Fund will be established with \$3 billion for scholarships, grants and other funding for university, college and technical schools. During the opening of the spring session, the Alberta government also tabled Bill 1, which includes the establishment of a \$1-billion expansion to the Alberta Heritage Scholarship Fund and \$500 million into the Alberta Ingenuity Fund to fund research at post-secondary schools.

Amrhein said there is the expectation that a portion of the Access to the Future Fund will be used to "level the playing field by geography," not just by family income. "I would like to see a government policy that recognizes that the cost is a combination of tuition plus living expenses."

He said it is important for government to include such considerations as travel and room and board, and not only the actual cost of tuition, when awarding bursaries and scholarships to students who live outside of the major centres.

"You are not in Alberta long before you recognize that there are a lot of students from far away," said Amrhein.

"For students in the more rural areas, even if we are successful in putting a number of our programs on college campuses, there will still be many, many programs like physics and things like that, and all of the graduate activity that will always take place at the U of A, the University of



The provincial government is consulting with post-secondary institutions and students to develop a new, province-wide tuition policy.

Lethbridge and the University of Calgary. Students who live in Manyberries and Zama City will have to pay very high prices beyond tuition to access the university opportunities in the two big cities."

Although Blatz agrees that accessibility for out-of-town students needs to be looked at, he sees tuition relief and an increase in operating costs for the U of A as two essentials for the review.

"The tuition rebate (which Premier Ralph Klein announced this year) in combination with Bill 1 puts into place a couple of large pieces to that puzzle, the puzzle being, when it is complete, the best post-secondary system in the world," said Blatz.

The province will be paying approximately \$43 million in extra tuition fees on behalf of students this year, so that in effect, tuition will be frozen for the 2005/2006 academic year.

Still, while this is one step in the right direction, Blatz said more needs to be done by the government to lower tuition increases in the future. The rebate will give the government time to look at alternatives for 2006/2007, he said.

Over the last 24 years, "the levels of tuition have crossed the line," said Blatz, adding that there have been 24 years of consecutive tuition increases, which have resulted in some people, who should be able to attend post-secondary institutions,

not being able to attend because of the cost of tuition, the costs of living expenses, and the debt they will incur.

"One of the holes in the puzzle is operating funding. If we are ever going to get tuition costs under control, the government needs to do a better job of funding institutions' operating budgets," he said.

The only two pots of revenue institutions have to meet their rising costs, said Blatz, are government grants and "students' pockets."

"Because government grants and operating grants haven't kept pace with increases in enrolment, increasing costs, increasing salaries and benefits for academic and non-academic staff, universities have turned to the students to make up the shortfall."

The Students' Union's position, Blatz said, is that if the university is adequately funded, there be less reason to have maximum tuition increases.

Blatz is waiting to see what will happen regarding operating funds for universities in the April 13 provincial budget. He said there is a need to play catch up in terms of dollars, about \$160 million, to a point where the operating funds should be – and an additional \$110 million to be the best system.

In fact, the university Board of Governors has just approved a budget (see Board approves deficit budget, Page 2) that

includes a \$48.7 million "gap" in its operating budget.

While the province's universities lobby for increased operating funds, tuition is never far from anyone's thoughts.

"Government has said pretty clearly that education is a shared responsibility. I think one of the purposes of this task force is to see if we have the share (of tuition costs) where we want it. Right now students pay about 26 per cent. Is this too high, too low?"

Amrhein also believes Alberta needs to do some hard thinking about the extent it wants to invest in graduate/post-baccalaureate education.

"If we add 40,000 or 50,000 undergraduate student positions, we better expect to add the right number of masters, PhDs, MDs and law degree places, otherwise students will have nowhere to go after their undergrads and might have to leave the province. The economic health of the province requires opening up opportunities on a broad range."

Amrhein added that most graduates end up working in the place where they earned their last degree. "If it's California or Texas or Ontario, then well, Alberta has paid for 16 years of education to help out California or Texas...but I don't think we want it to happen too often. It's a bad idea, I think." ■

Richard Siemens

Fern Snart new Dean of Education

Plans to bridge cultures at home and abroad

By Dr. Gordon McIntosh

Dr. Fern Snart is the University of Alberta Faculty of Education's new Dean. The tenth dean and the first female dean in the 50-plus year history of the Faculty of Education, Snart has been the Acting Dean since the April 2004 appointment of Larry Beauchamp as Associate Vice-President and Vice Provost of the university.

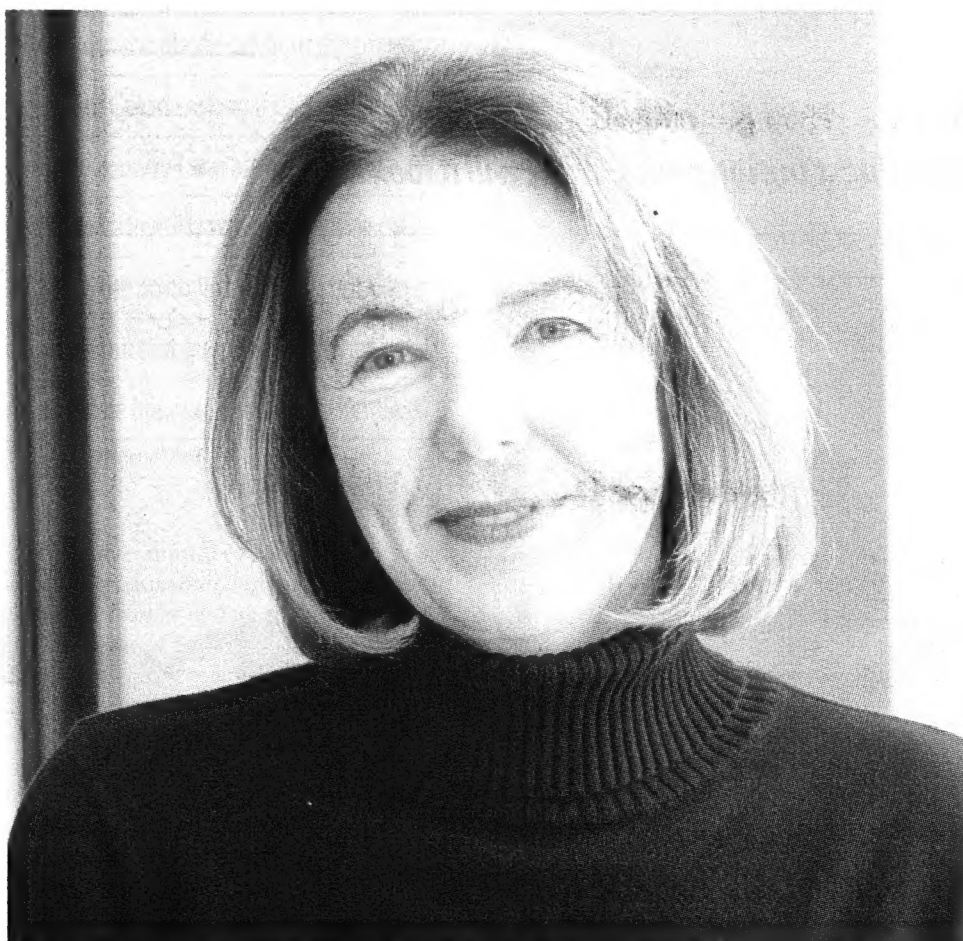
A child of the prairie west, Snart's upbringing is reflected in her capacity for hard work and her ebullient spirits, good humor, and the joy she takes in everyday living.

Snart was born and raised in Dauphin, Manitoba, began her university studies at Brandon University (BA in psychology), continued her studies in clinical psychology at the University of Saskatchewan (MA), and then came to the University of Alberta where she did her doctoral studies in special education ('79 PhD).

"I became an educator because I wanted to work with children in ways that weren't limited to psychopathology," she said, in reference to her university studies. "As a young psychologist my contact with parents and teachers shone a light on the importance of teachers."

Snart joined the academic staff of the Faculty of Education in 1980 as an assistant professor in the Department of Educational Psychology. Her career over the past 25 years has been marked by significant accomplishments in teaching, research, and administrative service.

In 1993, she was awarded the faculty's Undergraduate Teaching Award. In 2001, her three-person research team (which



Dr. Fern Snart has been named Dean of the Faculty of Education.

included Margaret Haughey and Joe da Costa) received the Alberta Teachers' Association Educational Research Award for their study of the effects of small class size on the achievement of inner-city stu-

dents. Snart is widely recognized throughout the Faculty, the provincial educational community, and abroad, as an excellent teacher and scholar.

Dean Snart's academic priorities

including bridging cultures both abroad and at home.

"The work we did in creating the Aboriginal Teacher Education Program affected me to the core," she said. "I gained a new understanding that we had much to learn about the way we conceptualize our world in terms of wholeness and our understanding of the history of aboriginal people, especially the history of our time together. What we've learned takes us far beyond the creation of a particular program, however important that has been, into new relationships, ongoing learning, and new understanding that we've been deprived of in our education. Our children and grandchildren should not be deprived of this."

She is committed to building International awareness within the faculty.

"We need to find ways to help our students learn more about the world - to build an international dimension into our pre-service teacher education program. The world is smaller. We need to prepare teachers who understand the power of culture."

The Faculty of Education has approximately 3,300 undergraduate and 850 graduate students. Snart believes the preparation of professional educators is an enormous responsibility, one she shoulders with great care and attention.

"I believe education is the most powerful force towards personal betterment for those at all strata of society, as an instrument of social justice, and as perhaps the only avenue to peaceful solutions to local or world issues." ■

Short back and sides for cancer society

Campus security's headshave raises \$9,000 for Canadian Cancer Society

By Richard Cairney

It isn't as much of a fashion risk as it once was, for guys. But when you're a young woman with long blonde locks, getting a brush cut isn't something you rush out and do on a lark.

In fact, third-year political science and women's studies student Barb McLean took a very calculated approach to things. Before she stepped up for the Campus Security Services' Cops for Kids headshave, she hit up fellow students and her professors to raise just over \$800 for the Canadian Cancer Society.

"I hit up a lot of profs," said McLean. "And the students really came through too."

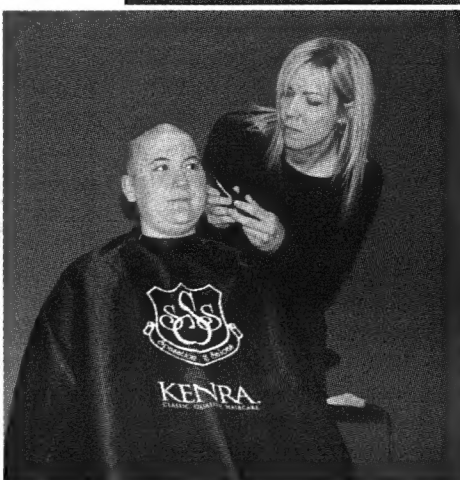
McLean said she took the plunge in memory of her grandfather, who passed away of lung cancer last year.

"I'm doing it in his name and in his memory," McLean said, adding that her grandfather would have been taken aback by her decision. "I'll just have to pretend he'd like it," she joked.

The event was organized by Campus Security Services Const. Amanda Allen and Daryl Johnson in human resources. Allen, too, has a personal motivation for organizing the cancer fundraiser.

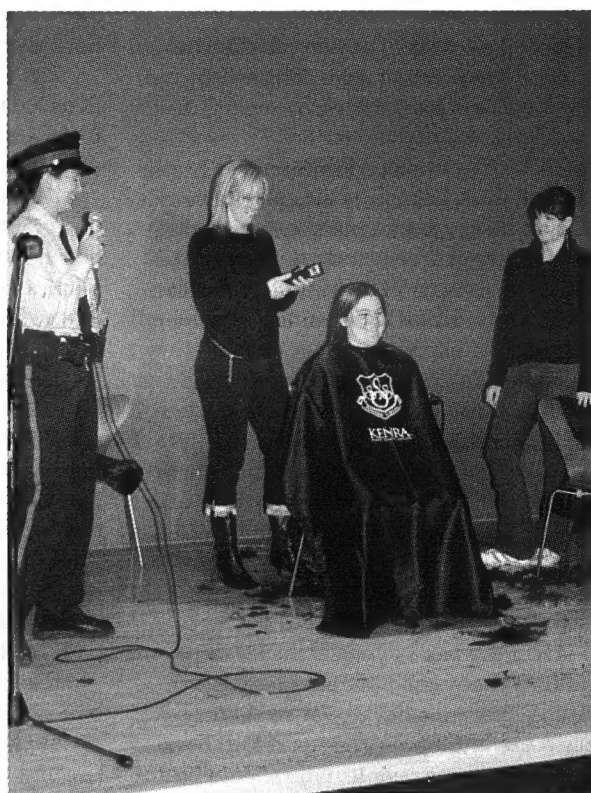
"One of my best friend's moms died of cancer four years ago. She was a radiologist and did testing on women for breast cancer. She had made quite a contribution to the community and she died at a pretty young age, she was about 63," said Allen. "I thought there must be some way to carry on in memory of her."

So in 2003 Allen organized the first campus head shave and, after spending a year overseas, returned to revive the fundraiser. This year's event drew 14 should willing to shave their heads in exchange for donations. In all, they raised \$9,000 for the Canadian Cancer Society.



The final tally was short of the \$20,000 raised in 2003, but the participants had a can-do attitude right.

"One of the participants spontaneously offered to have his goatee and his eyebrows shaved off too," said Allen. "He raised another \$20 for the goatee and \$50 for having his eyebrows shaved. One of the stylists whipped out a small



Third-year political science and women's studies student Barb McLean had her hair shorn, as did members of Campus Security Services, in a fundraiser for the Canadian Cancer Society.

pair of clippers and now he's completely bald."

Edmonton Roadrunners defenceman Rocky Thompson, known not only for his solid play on the ice but also for sporting a Mohawk hairdo that is frequently dyed any imaginable colour, served as a celebrity host of the event.

"We tried to get him to cut off his Mohawk, but he wouldn't do it," said Allen, who was pleased nonetheless with Thompson's support. "Rocky's hair is orange right now and about half of our members dyed their hair blonde or black or different colours before getting it shaved off. It was great."

"We have a lot of kind hearted people around here who like to do these kinds of things," she said of her colleagues, who have raised money for the campus food bank and United Way this year. "It's one of the things that keeps us going here." ■

The numbers don't Lie

Arturo Pianzola's understanding of Lie theory earns Killam honour

By Phoebe Dey

Beautiful is not a word many would use to describe a mathematical theory, but for Dr. Arturo Pianzola, it is an apt portrayal.

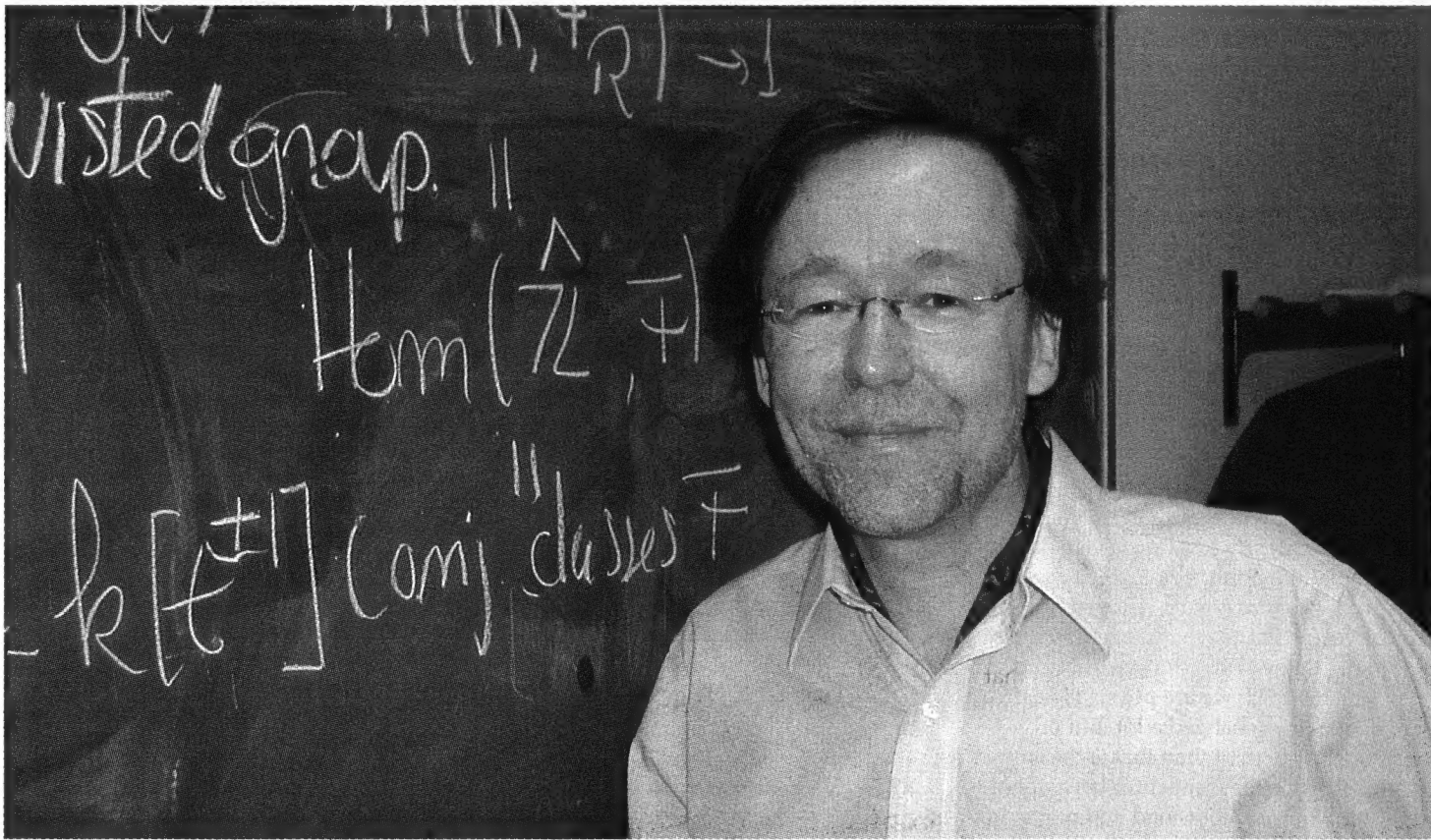
Pianzola, a recipient of the Killam Annual Professorship, has devoted almost every minute of his research time over the past seven years to Lie theory, a branch of algebraic geometry named after its inventor Sophus Lie. Part of its beauty, says Pianzola, comes from its full understanding that requires a grasp of most areas of mathematics – geometry, algebra, analysis and topology.

“The objects in this theory can be used to measure symmetry,” said the Faculty of Science’s Pianzola. “Because of this, Lie theory has deep, fascinating applications to theoretical physics and the understanding of the fundamental laws of nature. This is what makes it beautiful.”

Pianzola’s main contribution has been the discovery that Alexander Grothendieck’s methods, which have revolutionized modern geometry and number theory, can also be used in the study of infinite dimensional Lie theory. This finding led Pianzola to establish that one of the most fundamental results of classical Lie theory, the conjugacy theorem of cartesian subalgebras, also holds in the infinite dimensional case.

While the explanation sounds complicated, Pianzola’s work leads to concrete applications in everyday life as well as philosophical consequences that have established him as an international expert in conjugacy problems and have merited invitations from top institutions around the world. As editors-in-chief of the Canadian Mathematical Bulletin, he and his colleague James Lewis have also worked to improve the quality of the journal and at reducing a backlog of over 500 papers that are reviewed each year.

Pianzola’s love of numbers started when he was growing up in Buenos Aires,



Dr. Arturo Pianzola has been awarded a Killam Annual Professorship for his achievements in mathematics.

Argentina. His father taught him basic arithmetic and gave him problems to solve before he even enrolled in school. That beginning was supplemented with a “very, very rigorous mathematics teacher in Grades 8 and 9. It was a great experience.”

He repays that introduction by often returning to Argentina where he donates books, delivers lectures and organizes workshops for high school teachers. His aim is to motivate people to find new ways of challenging themselves and their students and to make math fun while showing its usefulness.

Closer to home, he is hailed as an inspirational teacher in linear algebra and calculus – classes often deemed difficult courses

to handle because of the sheer size and nature of the material, said Dr. Anthony To-Ming Lau, chair of the Department of Mathematical and Statistical Sciences.

“It is wonderful and inspiring to see how as the course progresses, Dr. Pianzola manages to disarm the students of their fear, and slowly gain their confidence as they begin to participate in the learning process,” said To-Ming Lau. “Needless to say, there is an innate, remarkable talent he has in order to accomplish this, but there is also lots of hard work in preparing his lectures and homework. The gentleness and patience he shows towards students is clear.”

For Pianzola, he only has two rules

when it comes to teaching: come up with good examples that show how math appears in everyday life, and treat your students with respect.

As for being awarded the Killam Annual Professorship, the hard-working researcher is appreciative of the acknowledgment but is aware of what lies ahead. “I have worked very hard on a project over the last seven years and it was a big gamble,” said Pianzola, a jazz lover who coaches his young son’s soccer team when he’s not immersed in academia. “Thankfully, it has worked out...yet, the job is not finished, and it is somehow overwhelming to think of how much is still left to be done.” ■

Ultimate r&r

From Proust to punk

English professor rocks out after hours

By Tom Murray

Rock music and academia do not naturally fall together in people’s minds, and probably for good reason. There are exceptions, however; the late Sterling Morrison cranked out lead guitar for New York’s legendary Velvet Underground before finding his calling as an English professor at New York University, and Robert Ray of the Vulgar Boatmen divides his time between teaching undergraduates at the University of Florida and releasing critically acclaimed albums.

Closer to home, University of Alberta English professor Mark Simpson plunks bass and sings for local alternative rock mainstays This Civil Twilight. The Edmonton native has been an off-and-on musician since Grade 10, when he first dabbled with playing in the nascent punk scene of the early 1980s. The commitment was too much, however, and Simpson instead chose to concentrate on schooling as opposed to rocking, a path that took him to his PhD at Duke University in Durham, North Carolina.

Back in Edmonton since 1996, Simpson has juggled the conflicting demands of his two passions, music and teaching.

“Music ends up taking a back seat to my job, that’s the short, brutal answer,” Simpson said. “We do play as frequently as we can, but we are musical amateurs. It’s more of a release, a quite different context for me.”

In his professional life, Simpson has acquired a number of honours for his work, including a Killam Memorial Postdoctoral Fellowship in 1996-98, and a Social Sciences and Humanities Research Council of Canada Doctoral Fellowship in 1992-93.

On the other side, This Civil Twilight has also garnered accolades from local music press, both for their mesmerizing live shows and recorded tracks that creep out on occasion. While the five-piece band has a good reputation among musicians and writers, it has kept a fairly low profile, releasing occasional songs for compilations, and gigging sporadically around work and family schedules.

Fans were able to see the band in a rare live appearance March 12 as This Civil Twilight celebrated its collaboration with like-minded musical adventurers Little Baby Cupcakes, a five-song EP

entitled *The Fake Mistake*. “It probably started as a conversation between (TCT guitarist) Duncan Turner and (LBC guitarist) Matthew Wispinski,” Simpson recalls, “but the three of us were already having conversations about how fun it would be to do a project like this. My sense of it is that it was also inspired by the stuff we were doing in (Simpson’s side project) Prince Pounce. We had done a bit of recording, and one of the things that we had recorded had come together as a sort of organic collaboration rather than a fixed song, so the idea was that we should do recordings that were more in that spirit.”

The spirit of *The Fake Mistake* has each band recording one song (Junior Defender for TCT, White City for LBC) respectively, and then turning the results over for the other band to remake according to their own whim. Both bands dive in on the fifth and last song, the title track for the EP.

“We started recording this almost a year ago,” he said.

Simpson and his cohorts launched the recording at the Victory Lounge earlier this month. ■



English professor Mark Simpson’s band, This Civil Twilight, has just released an EP and CD.

Researchers awarded \$21 million from AHFMR

Broad funding goals involves more researchers

By Scott Lingley

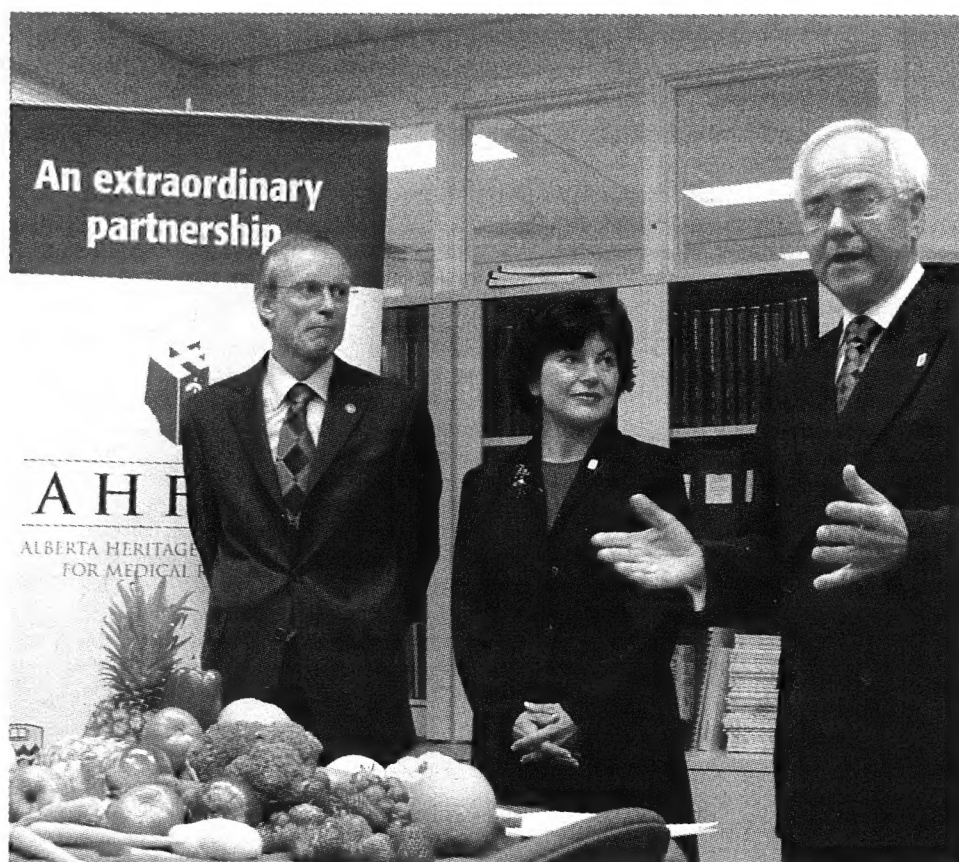
Dr. Kim Raine, director of the Centre for Health Promotion Studies and professor of community nutrition at the University of Alberta, at one time would have been an unlikely candidate for medical research funding. But her unique approach to public health issues has put Raine on the list of researchers at the U of A who will receive a total of \$21 million in grants this year from the Alberta Heritage Foundation for Medical Research (AHFMR).

Raine's research concerns the environmental and social causes of obesity, with the goal of developing health promotion strategies at the community and public policy level.

"In the last 20 years, we have seen child obesity rates quintuple in Canada and rates of obesity in adults are such that now half of the population exceed healthy weight standards. What's changed in the last 20 years? That's what we're trying to find out," Raine said. "What we eat and the ways in which we are physically active or inactive have changed a lot. But probably more important than that is the environment that is the context for behavioural choices, in terms of our food and our activity, has changed significantly."

Raine described health promotion as an "action-oriented field" and said the ultimate aim of research is to develop concrete strategies that help people make healthier lifestyle choices in their daily lives, rather than opting for habit or convenience.

"For example, we have a grad student who is mapping out where all the fast food restaurants are and then we're taking a look and seeing if there is a higher concentration of fast food restaurants in lower-income neighbourhoods, and we know that obesity rates are higher in lower-income communities," Raine said. "We're looking at the ways cities are structured and whether there are allowances for



Dr. Kim Raine, director of the Centre for Health Promotion Studies and professor of community nutrition at the University of Alberta, is among 29 researchers in five faculties at the U of A who will receive AHFMR grants this year. Dr. Bill McBlain, associate vice president (research), left, and Dr. Kevin Keough, CEO of AHFMR, were on hand to announce the awards.

active transportation for cycling or walking to work or school. We're working with schools to promote an environment that enables kids to make the healthy choice the easy choice."

Raine is among 29 researchers in five faculties at the U of A who will receive AHFMR grants this year. The funding will provide salaries, equipment, laboratory start-ups and other support. Dr. Bill McBlain, senior associate vice-president of research at the U of A, said AHFMR's

ongoing support helps guarantee the university's continued reputation as a centre for medical and health care innovations.

"The Heritage funding puts the university at the leading edge of research and it includes a number of fields such as obesity, but other areas such as kidney function, heart function, diabetes, basic cellular research and even the ethics underlying health research," McBlain said. "This support from Heritage allows us to recruit and retain top researchers as exemplified by Dr.

"In the last 20 years, we have seen child obesity rates quintuple in Canada and rates of obesity in adults are such that now half of the population exceed healthy weight standards. What's changed in the last 20 years? That's what we're trying to find out."

— Dr. Kim Raine

Raine and her colleagues and that bodes well for a very bright future for health research in the province of Alberta."

Dr. Kevin Keough, the CEO and president of AHFMR, said the funding organization has evolved over its 25-year existence to embrace a wider understanding of health care issues and the sorts of research that would help foster a healthier populace.

"Fifteen years ago the foundation probably would not have given money to Dr. Raine," Keough said. "As it began, AHFMR dealt primarily with basic biomedical, molecular and clinical sciences. But 10 to 15 years ago the foundation expanded the way it looked at medical research. It began to look at health in population terms and the delivery of health services, and we're delighted now to have a whole new set of programs that allow people like Dr. Raine to devote their time to research related to those areas."

AHFMR currently provides funding for more than 600 researchers and researchers-in-training at Alberta's three main universities. Total AHFMR funding over the last 25 years has exceeded \$800 million. ■

Collaborative cardio care lowers outpatient mortality rates

Rural patients will benefit the most

By Bev Betkowski

A better network of care and access involving specialists and family physicians is needed to save the lives of more heart patients, especially rural residents, according to a University of Alberta study.

"We need to find ways to improve timely and appropriate access to specialists and to improve the structuring of collaborative care," said Dr. Paul Armstrong, professor of medicine in the University of Alberta's division of cardiology, and one of the study's authors.

The researchers discovered that patients discharged after their first hospital stay for heart failure had significantly better outcomes if they received regular cardiovascular follow-up visits with a physician. Those who saw both a family practitioner and a specialist had the lowest mortality rates, even with more complicated conditions. Outpatient care involving both a specialist and a family physician was associated with a 66 per cent drop in the risk of one-year mortality.

"Unfortunately, we found that patients who were elderly and living in rural areas had less access to specialty care. We now know that only a minority of heart failure patients are seen in specialty heart failure clinics where it has been shown that outcomes are improved. These clinics tend to be located in specialty academic centres, which can be difficult for rural patients to access," said Armstrong.

Results from the two-year study, which also included research from the University of Ottawa, were published recently in the

"Unfortunately, we found that patients who were elderly and living in rural areas had less access to specialty care. We now know that only a minority of heart failure patients are seen in specialty heart failure clinics where it has been shown that outcomes are improved. These clinics tend to be located in specialty academic centres, which can be difficult for rural patients to access."

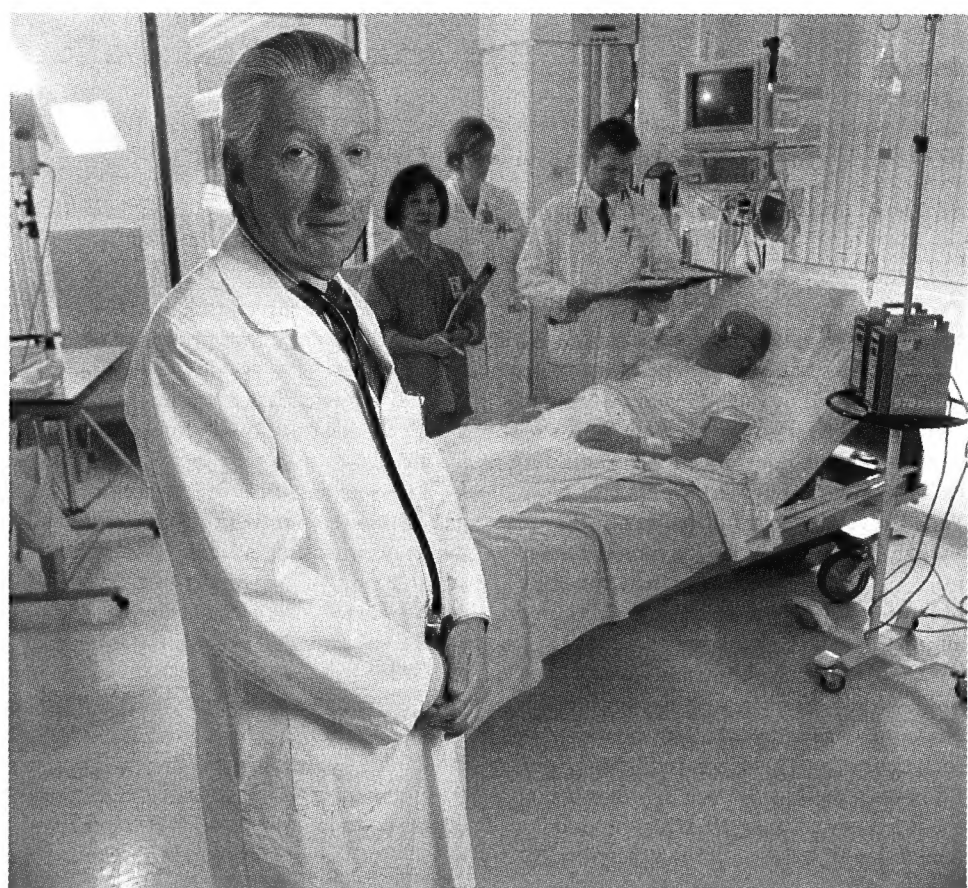
— Dr. Paul Armstrong

Canadian Medical Association Journal.

The population-based study followed 3,136 patients who were newly diagnosed with congestive heart failure and had just been discharged from 128 Alberta hospitals. Of the patients, 34 per cent received no follow-up visits for cardiovascular care, 24 per cent were seen by a family doctor alone, one per cent by a specialist and 42 per cent by both a family physician and a specialist.

The study showed that compared with patients who received no follow-up care, patients who received regular cardiovascular follow-ups with a specialist had 38 per cent fewer visits to the emergency room, only 13 per cent were readmitted to hospital and the one-year mortality rate was lower by 22 per cent versus 37 per cent.

Patients who have follow-up care from



Dr. Paul Armstrong

both specialists and family physicians are in better health because they have more contacts with the medical community, Armstrong said. "There are more opportunities for deterioration in status to be detected, for medications to be altered, and

for therapies to be reinforced.

Congestive heart failure is suffered by up to two per cent of North American adults, and despite advances in treatment and therapy, still holds a poor prognosis; 30 to 50 per cent die within a year. ■

Breast cancer research wins national award

Dr. Mark Glover's team uncovered an important key to hereditary cancer

By Steve Lillebuen

One of Canada's highest honours in biochemistry was recently awarded to a U of A researcher specializing in breast cancer research.

The Canadian Society of Biochemistry, Molecular and Cell Biology awarded Dr. Mark Glover and his U of A team the 2005 Merck Frosst Prize. The award recognizes researchers with less than 10 years of independent experience who have made ground-breaking discoveries.

Glover, a Canada Research Chair in Structural Molecular Biology, has gained national attention for his work that seeks to understand, at the structural level, how genes and DNA are regulated and repaired. Their claim to fame comes from their work on the gene BRCA1 – the first gene discovered to be associated with human hereditary breast cancer.

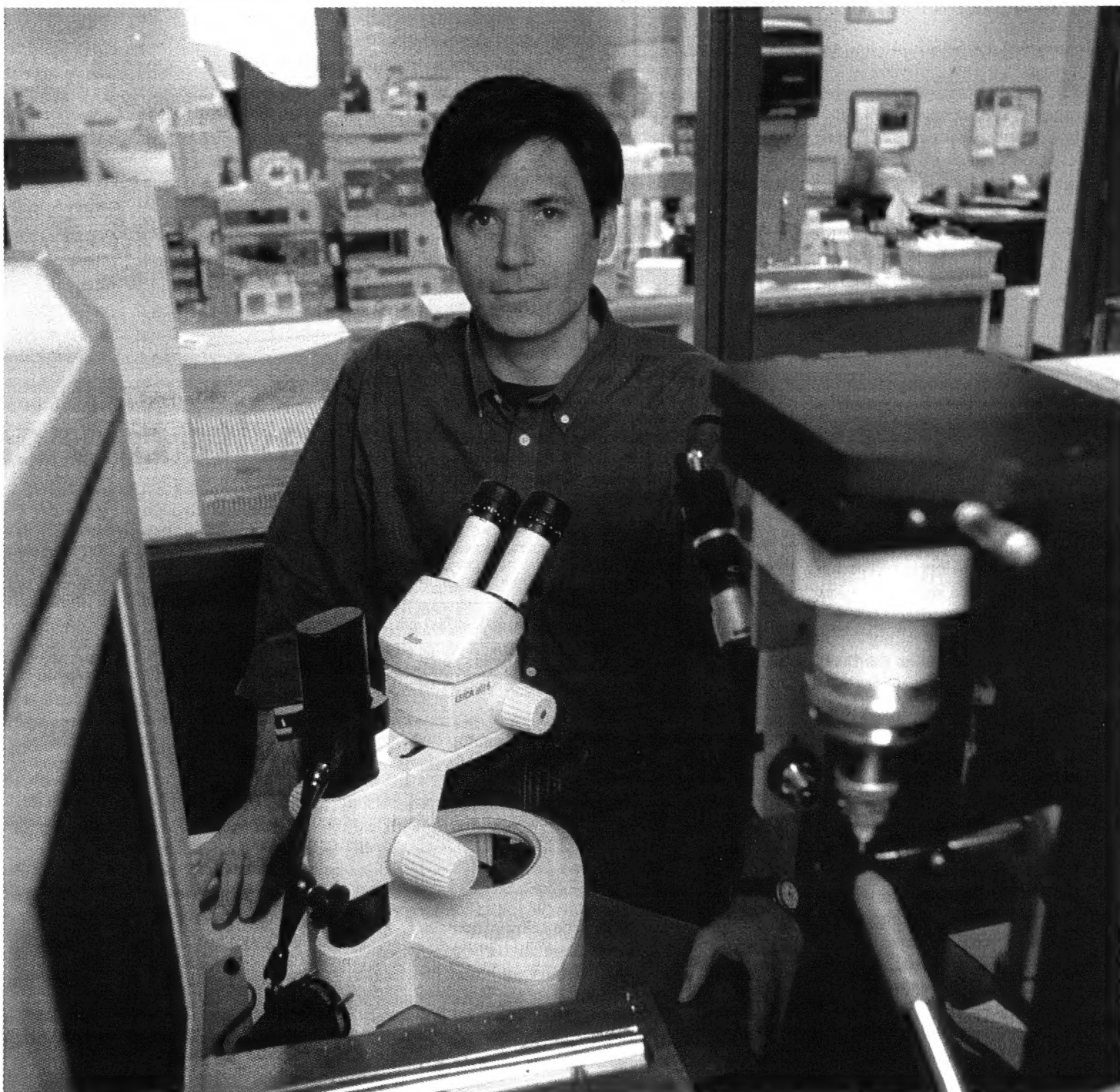
"The U of A has always been the main place in Canada, actually one of the main places in the world, where this kind of research is performed," he said. "The immediate application for our breast cancer study is that we've been able to look at the mutations coming up in patient screening and determine if these mutations are going to be associated with an increased risk for breast cancer or not. So our work is an early detection model."

In a healthy cell, Glover explains, genes make protein and protein is responsible for the normal functioning in a cell. If you want to understand why mutations in the gene are causing breast cancer, you have to study the physical structure of the protein. A few years ago, his team was able to create the first three-dimensional images of an important portion of the BRCA1 protein, which, if defective, is now known to cause hereditary breast cancer.

"The protein seems to be involved in how cells sense and respond to DNA damage," he said. "It looks like the mutations that are associated with hereditary breast cancer cause the protein to be defective in some way so that the cells don't sense that they're damaged. So damage accumulates and that's what leads to tumour growth."

"The immediate application for our breast cancer study is that we've been able to look at the mutations coming up in patient screening and determine if these mutations are going to be associated with an increased risk for breast cancer or not. So our work is an early detection model."

— Dr. Mark Glover



Dr. Mark Glover has earned the prestigious Merck Frosst Prize.

Hereditary breast cancer is an aggressive form of cancer, usually appearing earlier in life, during a person's 20s or 30s. Glover hopes that, with the new information being gathered from their research, new methods of treating breast cancer will be possible. For now, however, the research will at least make detecting possible problems early on a reality.

"Ideally, you'd love to be able to do something that could actually cure and help these people, but our research (in early detection) is an important start for people who have these cancers. These

hereditary cancers come on really fast, they've conventionally been hard to detect early . . . so women that are coming in with these horrible family histories already feel like they have a death sentence in a way. A lot of them just want to know one way or the other if they have the mutation."

Glover's award-winning research has broad applications. By understanding how genes function and how cells repair DNA damage, discoveries ranging from new methods of cancer treatments to understanding how bacteria build up antibiotic resistance will be possible.

Their recent award win, he says, is acknowledgment of this wide applicability. "This award is recognition of the impact our research is having and it's a great honour to be recognized by your peers."

The Merck Frosst Prize has been awarded to several U of A researchers in the past, proving the university's rich history of biochemical and molecular discoveries. The first award was given to Dr. Cyril Kay in 1970; since then, the U of A has won seven times including Dr. Richard Wozniak, who won last year, and now Glover for 2005. ■

U of A MBA team cleans up at international competition

Squad emphasized relationships for Washington transit authority

By Geoff McMaster

Human relationships over finances. That's what made the difference in the University of Alberta presentation that took first prize in the 2005 George Washington International MBA Case Competition.

"We took a unique perspective and said relationships was the number one issue, whereas most teams said financials was the main issue," said team member and MBA student Chad Elliott. "We said if you take care of your strong stakeholder relationships, the financials will take care of themselves."

Twenty teams of MBA students from around the world were assigned a real-world business problem two weeks before the competition. The U of A team – Elliott, Marc Lachance, Gaylene Cromack, Scott Kennedy and Christoph Wilser – was asked to come up with a business plan for the Washington Metropolitan Area Transit

Authority (WMATA) and present a coherent, 30-minute powerpoint presentation aimed at turning around the fortunes of the ailing civic agency.

"They wanted a communications plan to address their poor public perception," said Elliott. "They were getting brutally attacked in the media, and we had a really specific plan that was based on stakeholders' motivations. But we also integrated financials, because they had a \$1.5 billion budget shortfall, and a \$25 million operating budget shortfall."

The team met for some 50 hours before the competition, said Elliott. "Then there was our own research time, so I would probably guess we put in 80 to 90 hours before we even got there." All of that on top of their usual course work, "but we were pretty motivated to get it done."

The team gave its presentation twice in the first rounds, ending up in third place. Then the three top teams presented again on the final day. A team from Baylor University in Waco Texas took second place, and the University of Toronto finished third.

In all, six countries were represented in the competition, with four teams representing Canada. It is the third time a U of A team has entered the competition and the second time they made it to the finals.

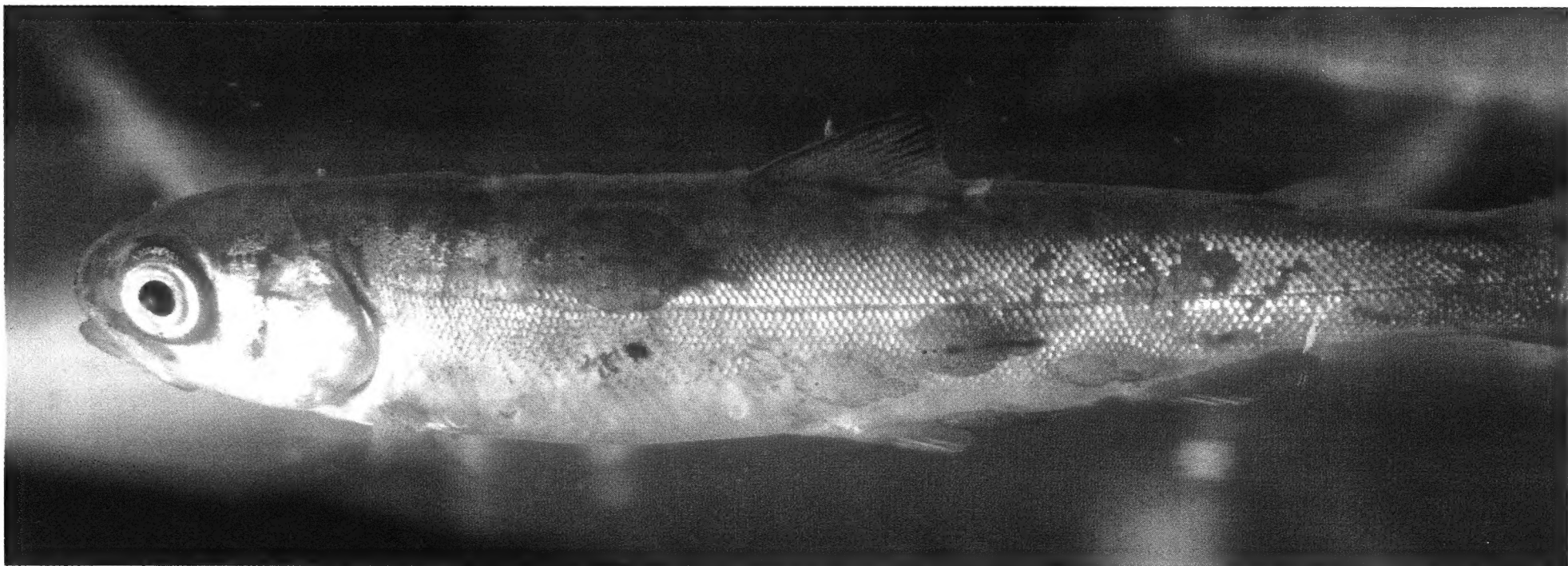
"We were ecstatic, just blown away and totally surprised" Elliott said of winning the competition. "It was very satisfying. All that work seemed to fall into place."

"It's incredibly competitive," added the team's faculty advisor, Dr. Doug Olsen. "You have 20 teams from around the world all coming together, and they spend a huge

number of hours preparing for this. Our team did an incredible job not only understanding what the issues were, but how to deal with them and implement a solution."

Judges included members of the academic community, communications and finance experts and representatives of the companies examined in the presentations. "The chief of staff (of WMATA) was on the judging panel, and I think it means a lot to receive that kind of endorsement from someone like that who says, 'You guys are bang on, you've done exactly what we were hoping you might do,'" said Olsen.

The WMATA chief of staff was so impressed, in fact, that he told the team he'd use their ideas in the transit's new strategic plan. "He told us, 'It may have been an academic exercise, but you guys will help resolve a serious issue,'" said Elliott. ■



Alexandra Morton

Study uncovers salmon farm parasite connection

Physical studies and mathematical models reveal association

By Scott Lingley

Two University of Alberta researchers have co-authored a study that establishes a connection between salmon farms and an increase in sea lice infections among wild salmon populations on the British Columbia coast.

The study, by U of A biology grad student Martin Krkosek, Dr. Mark Lewis, Canada Research Chair in mathematical biology at the U of A, and Dr. John Volpe of the University of Victoria, took advantage of innovative field techniques and state-of-the-art models of disease transfer to provide evidence that salmon farms along migration routes on the B.C. coast have extensive and far-reaching impacts in contributing to sea lice infections among wild pink and chum salmon. Their findings have been published in the current edition of the U.K.-based scientific journal *Proceedings of the Royal Society B*.

"Initially we were just interested in trying to model the disease progression, but we found out fairly quickly there was no agreement on whether the farms actually contributed to disease in wild salmon when it came to sea lice," said Lewis, who supervises Krkosek's research. "So we had to back up a step and say, 'what kind of evidence can we find for or against infection of wild salmon from farms?'"

Where traditional observation methods would have led to destruction of specimens, Krkosek developed a simple, non-lethal means of catching juvenile salmon for study, then re-releasing them, enabling him to do comprehensive individual observation of a large number of specimens along the 60-kilometre migration route.

"Marty collected a data set where he managed to examine more than 5,000 of these small fish before they got to the farm, when they were near the farm, and after they had passed the farm, so he had a lot of spatial resolution and he replicated this several times on different channels at different times," Lewis said. "Immediately one could see a big jump in infection levels once the fish passed the farm."

"Where the mathematics comes in is using the biology that we understand about infection and coming up with a model that makes predictions and seeing how well the predictions are correlated with the data . . . with the model you can go in and say we know with a high degree of precision that it is the farm that causes the infection and then, also, using the model we can work out the level at which the farm is producing these lice."

The study found that sea lice production from a single farm is 30,000 times higher than if the farm weren't there. And because the mesh separation between the salmon farm and the migration route is permeable, wild salmon are swimming past a concentrated source of infection.

"Sea lice are a natural disease found in salmon and the ironic thing is that the

"Sea lice are a natural disease found in salmon and the ironic thing is that the farmed salmon are actually catching the disease from wild salmon."

— Dr. Mark Lewis

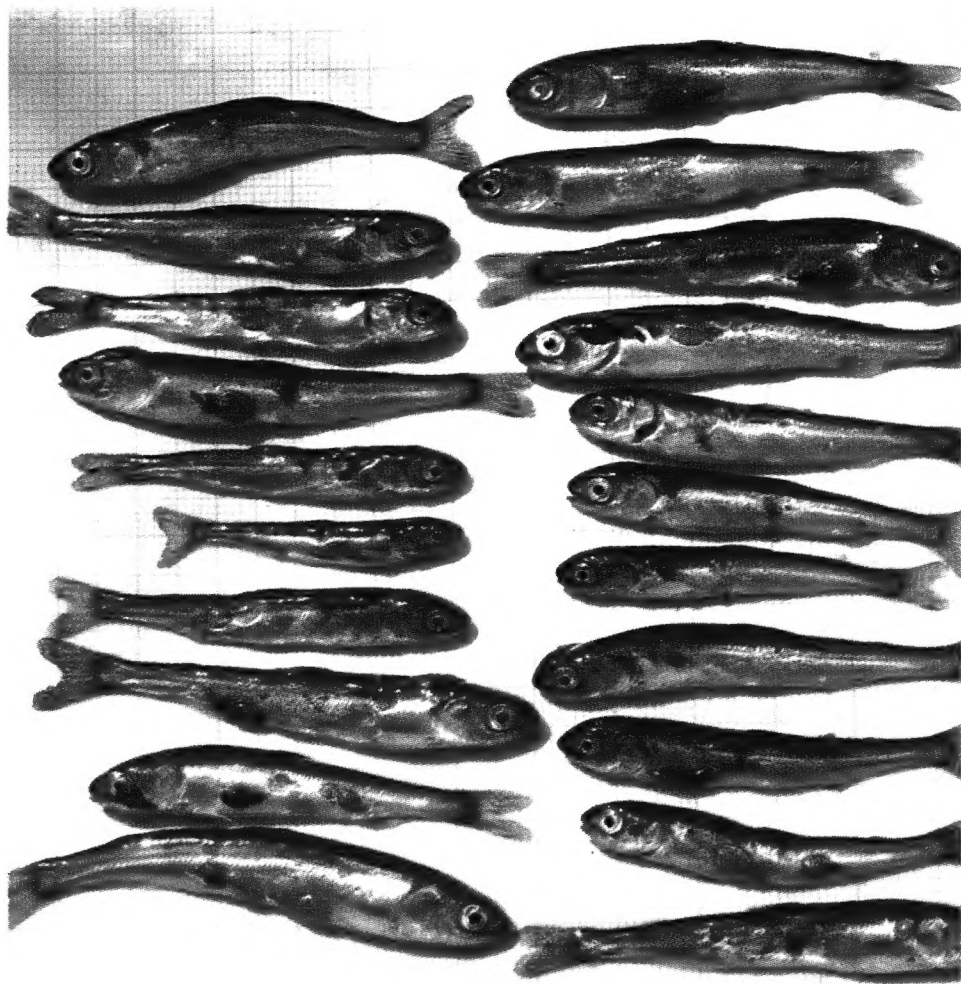
farmed salmon are actually catching the disease from wild salmon. But when there are so many salmon in this confined space, then the lice levels skyrocket because there are so many other fish that can get infected," Lewis said.

He noted that part of the environmental concern about mounting rates of sea lice infection is that wild salmon are being exposed to the parasites at an early stage of development. A full-grown adult may have the body mass to withstand sea lice infection, which feed on the host fish and leave lesions on the body, but young pink or chum salmon might only be three centimeters long and half a gram in mass and would have a much lower lethal limit for lice infection.

Lewis said more research is needed to determine the potential ecological as well as economic impact of increased sea lice infection on wild salmon migration routes, but the present study should clear away some of the controversy about the source of the problem.

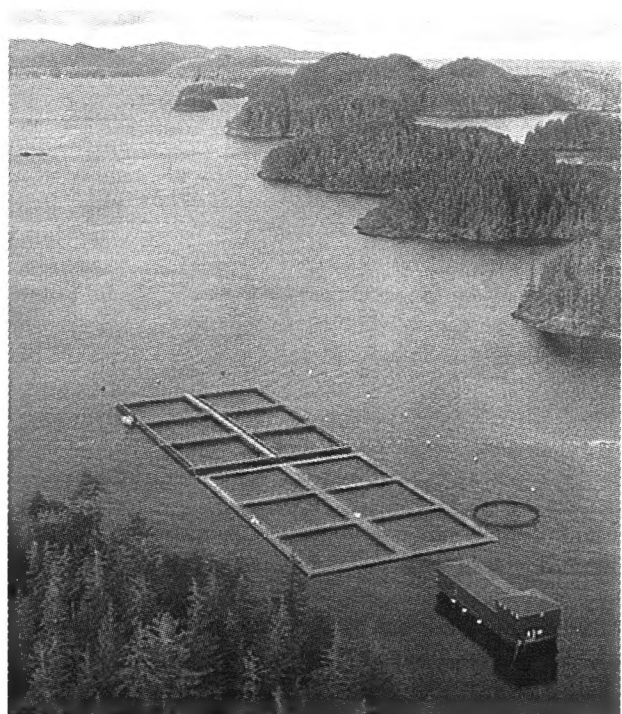
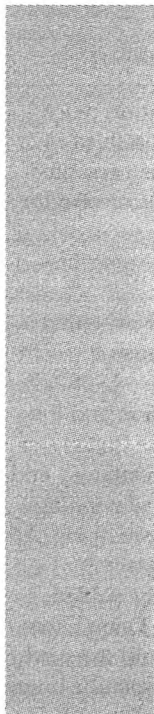
"What we are hoping the research will do is to communicate with the industry, with academics and with government that there's a big problem with farmed salmon infecting wild salmon as they're going out to sea," Lewis said. "This was something that there was a lot of contentious debate about, so we feel that this paper has really managed to resolve that and allows us to move on to how we're going to deal with the issue. The next part of the problem, though, is quantifying the effect of the lice on the mortality of the fish." ■

A pink salmon covered in sea lice and a handful of juvenile salmon captured off the West Coast connect infestations at salmon farms (shown below) with skyrocketing infection rates in wild salmon.



Alexandra Morton

May 17, 2004
Tribune Channel
Broughton Archipelago



History of broken bones overlooked when treating osteoporosis

By Dr. Kerry Siminoski & Bev Betkowski

Women who need treatment for osteoporosis – thinning of the bones – may not be receiving it because their history of fractures is not being considered by physicians, according to a study done in part at the University of Alberta.

Previous fractures indicate that bones are weaker than normal, but the information isn't being taken into account when treating for osteoporosis, said Dr. Kerry Siminoski, professor of radiology and diagnostic imaging at the University of Alberta.

The joint study of 1,323 women who were receiving their first-ever bone density tests, revealed a 40 per cent gap between those who should have received treatment according to guidelines and the number actually treated. The difference was that those with only borderline bone density problems who had also had past fractures, were not being treated.

“To get people who are at the highest risk of osteoporosis, we have to take into account fracture history,” Dr. Siminoski said.

“We found that it was not being used at all.”

Women with previous fractures of the ankle, hip, backbone (which often goes undetected) and especially the wrist after age 20 are two to 10 times more likely to be at future risk of osteoporosis.

Results of the study, which also involved McMaster University and the Centre for Evaluation of Medicines, appear in the February issue of *Osteoporosis International*.

Bone density tests show how much

calcium is in the bones, but fracture history is also valuable in giving a more complete picture, Dr. Siminoski said. “In a way, these people have tested their own bones and shown they have a tendency to break.”

Bone densitometry has been widely available for the last 10 years, so bone density has tended to be the dominant factor used by physicians in diagnosing and treating the condition, Dr. Siminoski said. “Only now are other factors like fracture history being considered.” ■

talks & events

Submit talks and events to Cora Doucette by 3 p.m. Thursday one week prior to publication. **Folio Talks and Events listings will no longer accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>. A more comprehensive list of events is available online at www.event.ualberta.ca.**

UNTIL SEP 01 2005

Marginal Notes: an exhibition of bookworks concerning social issues Bruce Peel Special Collections Library, Rutherford South.

UNTIL APR 6 2005

Almost Famous: Works by Scholarship Recipients An exhibition of the 2004 recipients of the Constance McFarland, Harry Wohlfarth and Lillian Nunn scholarships awarded to Fine Arts Certificate students in the Faculty of Extension who have shown achievement and improvement over their course of studies. Extension Centre Gallery, 2nd Floor, 8303-112 Street.

UNTIL APR 2 2005

The Alcuin Awards in Book Design in Canada, 2004 This exhibition has been extended to run from March 22 - April 2, concurrent with Tonia Bonnell's Master of Fine Arts in Printmaking exhibition, Enunciated Murmurs. Regular Gallery hours are Thursday to Friday, 10am to 5pm, and Saturday, 2pm to 5pm. The Gallery is closed Sundays, Mondays, and statutory holidays. Fine Arts Building Gallery, room 1-1 Fine Arts Building, 112 street and 89 avenue, University of Alberta campus.

UNTIL APR 9 2005

The Beaux' Stratagem by George Farquhar Disguise. Deception. For Love or Money? George Farquhar's comedy, The Beaux Stratagem, is one of the most charming and animated we have. The beaux' are two strapped-for-cash London Gentlemen disguising themselves as a lord and his servant. Their plan is to woo, marry rich and run off with their fortunes, but all is tripped up when their false feelings give way to genuine affection. 8:00 p.m. Timms Centre for the Arts.

APR 01 2005

19th Annual Joseph R. Royce Research Conference This conference is a peer-reviewed research conference that focuses on psychologically related topics. The goals are (1) To showcase psychological research by faculty, postdoctoral fellows, graduate students, and undergraduate students and (2) To facilitate communication among the various areas within the psychology department and related departments. This year, the conference will be comprised of a keynote address by Dr. Suzanne MacDonald (York University), 16 oral presentations (divided among 4 sessions), and 30 poster presentations. Everyone is welcome. There is no registration fee. Various locations in the Biological Science Building.

School of Native Studies Annual Faculty Research Day The School of Native Studies welcomes everyone to attend their first annual Faculty Research Day. Sessions run: 9 am to 11:45 and 12:30 to 3:15. ED 158.

Industrial development and Alaska's North Slope environment Dr. Gordon Orians, Professor Emeritus, University of Washington is presenting a seminar on "Industrial development and Alaska's North Slope environment," at 12:00 noon in M-149 of the Biological Sciences Building. 12:00 p.m. M-149 of the Biological Sciences Building.

A world free of whooping cough? Advances made with a three-pronged attack Speaker: Dr. Mark S. Peppler, Associate Professor, Medical Microbiology & Immunology, U of A 3:00 p.m. - 4:00 p.m. 207 HMRC.

Department of Biological Sciences Steve Zimmerly, Department of Biological Sciences, University of Calgary is presenting a seminar at 3:30 p.m. in M-149 of the Biological Sciences Building. "Retroelements in Bacteria." M-149, Biological Sciences Building.

Invited Speaker: Dr. Suzanne MacDonald, York University This talk is the keynote address for the 19th Annual Joseph R. Royce Research Conference. Title: This place is a zoo! Studying memory and cognition in zoo animals. 4:15 p.m. - 6:00 p.m. Biological Sciences Building M145.

Trio of Music Milton Schlosser (piano), Tanya Prochazka (cello), and Guillaume Tardif (violin) present a recital of piano trio music featuring the compositions of Clara Schumann, Robert Schumann and Felix Mendelssohn. Tickets are \$12 (adults) \$8 (students/seniors) \$30 (family). Available in advance at Augustana's Fine Arts Office. 8:00 p.m. Augustana Faculty, University Chapel, 4901 - 46 Ave., Camrose, AB.

UNTIL APR 03 2005

What Happened After Nora Left Her Husband by Elfriede Jelinek Nobel prize winner Jelinek's first playscript picks up Ibsen's character after she leaves the safety of her home. She arrives in an altogether different economy of values and power. Her main currency in this economy, however, remains her body. The question is: Can she survive without Helmer? This is the Canadian premiere of the play, directed by Dr. Piet Defraeye. Please sign-up on the sheets provided outside the Drama office (FAB 3-146) to reserve a seat. Corner Stage Fine Arts Building

APR 04 2005 - APR 08 2005

2004/2005 Broadus Lectures 2004/05 Broadus Lectures April 4, 6, 8 Jo-Ann Wallace Edith and Me: Adventures of a New Biographer April 4: Edith and Me: The Biographer and Her Subject April 6: Explaining Edith: From Case History to Cultural History? April 8: Footprints in Cyberspace: How the Internet is Changing Biography? (with Harvey Quamen) Edith Mary Oldham Ellis (1861-1916) née Lees, is best remembered today when she is remembered at all as the lesbian wife of essayist and sexual psychologist Havelock Ellis. But Edith Ellis achieved some success in her own right as a pamphleteer, as a novelist and a short-story writer, as a playwright, and as a public lecturer on various progressive topics. In the first two of this year's series of Broadus Lectures, Edith and Me: Adventures of a New Biographer, Jo-Ann Wallace reconstructs elements of Edith Ellis's life through a meditation on the biographical project. The third lecture, which will be offered jointly with Professor Harvey Quamen, explores the ways in which the Internet is not only changing how we do biographical research, but also how we imagine lives. varied.

APR 04 2005

Bridging the Gap Between Science and Education Presenter: Dr. Wei Yu, former Vice Minister of Education of China and University President, with a PhD in Electric Engineering. Dr. Yu is leading a delegation of Chinese educators in connection with the CIDA Strengthening Capacity for Basic Education in Western China Project. Paper: "The science and education

communities should be close battle companions, not separated individuals, or even rivals. It is based on the genuine hope for the future and the responsibility for the development of the human society that we firmly believe that the science and the education communities as well as the entire society would work together to promote education reform and make explorations and practices of great significance." Copies of the paper are available from Gail Briton in CMASTE, 382 Education South, 492-0148 3:00 p.m. 358 Education South Education Centre.

Lecture Dr. Vadim Kukushkin, Post-doctoral Fellow, Department of History and Classics, University of Alberta, will speak on "An Airtight Empire? Emigration, Society and the State in Late Imperial Russia." 3:30 p.m. Heritage Lounge, Athabasca Hall.

APR 05 2005

Readings by Meredith Quartermain and Andy Weaver Quartermain will read from her work - Vancouver Walking. Weaver will read from his poetry in were the bees. 2:00 p.m. HCL-3.

"Strategies for Multiple Choice Exams" Learn how to prepare for multiple choice, what to look for in the questions, how to select answers, guessing strategies, and gain practice using sample questions. Pre-register at 2-703 Students' Union Building (SUB). 3:00 p.m. - 4:00 p.m. 2-702 Students' Union Building (SUB).

APR 06 2005

Medical Genetics Weekly Seminar Series Dr. Satyabrata Kar, Department of Psychiatry, will present "Amyloid beta peptides and cholinergic neu-

rons: functional interrelationships and relevance to Alzheimer's disease" as part of the Medical Genetics Weekly Seminar Series. 12:00 p.m. - 1:00 p.m. 2-07 Heritage Medical Research Centre (HMRC).

PHS Grand Rounds Climate Change Month presents "The Great Warming" - a 2004 three-part documentary that explores the underlying science and evidence of climate change. Dr Colin Soskolne will co-ordinate the series produced by Swiss Re, one of the world's leading reinsurers and the world's largest life and health reinsurer. Episode 1 - "The Human Fingerprint" 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building.

Department of Computing Science Distinguished Lecture Series Professor Julie Dorsey, Dept of Computer Science, Yale University will present a lecture entitled: "Digital Materials and Virtual Weathering: Modeling the Appearance of the Everyday World." Please join Dr Dorsey for coffee and cookies at 3:00 pm. 3:30 p.m. - 5:00 p.m. CSC -B-02.

APR 07 - APR 10 2005

Love's Labour's Lost by William Shakespeare Love's Labour's Lost is one of Shakespeare's early comedies. Four young men of the court of Navarre vow to study, fast and abstain from all contact with women for three years...until the Princess of France, accompanied by three young women, arrives and the men's resolve is tested. It is the age-old battle of the mind over the heart and no one is spared Cupid's love-shaft. Featuring a cast of the second year BFA Acting class and directed by Jan Wood. Please sign up on the sheet provided outside the Drama office (FAB 3-146) to reserve a seat. Corner Stage Fine Arts Building.

ADVENTURE HAS A NEW DESTINATION.

STEVE ZAHN

MATTHEW MCCONAUGHEY

PENLOPE CRUZ

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A OLIVE COUSLER DICK PITT ADVENTURE "SAHARA" LAMBERT WILSON GYNN TORMAN WITH DELROY LINDO AND WILLIAM H. MACY PRODUCED BY DENISE COLELL MARK ABDELA DAVID BARRON NICK MORTON WRITTEN BY CLINT MANSELL
EXECUTIVE PRODUCERS MATTHEW MCCONAUGHEY GUS GUSTAVES WILLIAM J. HANMERMAN VICKI DEE ROCK PRODUCED BY HOWARD BALDWIN KAREN BALDWIN MADE NEUFELD STEPHANIE AUSTIN BASED ON THE NOVEL BY OLIVE COUSLER
SCREENPLAY BY THOMAS DEAN DONNELLY & JOSHUA OPPENHEIMER AND JOHN R. RICHARDS AND JAMES V. HART DIRECTED BY BRECK EISNER

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APR 07 2005

Information Resources in Mechanical Engineering Randy Reichardt Librarian University of Alberta ABSTRACT Abstract: A brief introduction to the Cameron Science and Technology Library, with a focus on resources of interest to Mechanical Engineers, available both in print and electronically. Coverage will include handbooks, manuals, directories, encyclopedias, e-journals, databases, and web resources. New and forthcoming library services will also be discussed. Special emphasis will be placed on the new features of the Compendex database <http://www.library.ualberta.ca/databases/databaseinfo/index.cfm?ID=180> including faceted searching, and the implementation of RSS, or http://www.ei.org/eiupdate/03_librarians_corner/index.html#ei_p3_01 Real Simple Syndication/Rich Site Summary http://www.ei.org/eiupdate/03_librarians_corner/index.html#ei_p3_01 into the search engine. A must-see presentation for those new to mechanical engineering on campus, while those familiar with the library system can learn what's new and forthcoming and review what they already know. 2:30 p.m. - 3:30 p.m. 2-002 Engineering Teaching and Learning Complex (ETLC).

Fetal Behavioural State and Cardiovascular Function - Regulatory Mechanisms Speaker: Dr. Janna Morrison, Postdoctoral Fellow, Physiology, University of Adelaide 3:00 p.m. - 4:00 p.m. 207 HMRC.

Philosophy Department Professor Amy Schmitter, Department of Philosophy University of Alberta, will speak on "Hobbes and the Really Big Stick: Representation, Incorporation and 'Artifice' in the Construction of Social Power" 3:30 p.m. Humanities Centre 4-29.

Susanna Morton Braund (Stanford University) "Who are the barbarians? Issues of cultural superiority in Lucan's epic and Seneca's tragedies" History & Classics Colloquium Series, 3:30 p.m. - 5:00 p.m.

Department of Biological Sciences Scott Meers, Montana State In Bozeman is presenting a seminar on "Enhancing Natural Enemies of Wheat Stem Sawfly" in Tory Breezeway (TBW) - 1, 4:00 p.m.

APR 08 2005

Department of Biological Sciences Dr. Mark Boyce, Department of Biological Sciences, University of Alberta is presenting a seminar on "Resource selection functions: The fundamental equations of ecology," 12:00 p.m. in M-149 of the Biological Sciences Building.

APR 09 2005

"The Psychology of Exam Writing" Learn about the factors that influence performance on an exam and what you can do to help yourself be more successful. Pre-register at 2-703 Students' Union Building (SUB). 11:00 a.m. - 12:00 p.m. 2-702 Students' Union Building (SUB).

"Exam Strategies" Learn how to study for and take multiple choice, short answer, essay and problem solving exams. This is a great workshop for new students and students who want to "gain an advantage" for exams. Pre-register at 2-703 SUB. 1:00 p.m. - 3:00 p.m. 2-702 Students' Union Building (SUB).

Augustana Choral Festival Music at the Augustana Faculty is offering a great opportunity for music enthusiasts in April. Come out and experience several exciting concerts for one price in a celebration of choral music! The following concerts are part of the "choral package". [Note: Jazz Night entertainment ONLY is included in the choral package.] Four concerts for \$40.00/person three concerts for \$25.00/person two concerts for \$18.00/person one concert for \$12.00/person Concert #1 of the package: Jazz Night Camrose XVII! Augustana's encore (vocal jazz ensemble) will be featured in The Augustana Choral Department's annual Jazz Night. Come out and enjoy an evening of vocal and instrumental jazz, listening and dancing! Guest artists will be the Joel Gray Jazz Ensemble. Dinner will begin at 6:00 p.m. and entertainment will start at 7:30 p.m. Dinner ticket prices: \$30/person. 6:00 p.m. Camrose and District Senior Centre.

APR 10 2005

Concert #2 of the package: Sangkor Sangkor (Augustana Women's Chorus), Conducted by Professor Kathleen Corcoan, presents the annual spring concert in an afternoon performance. 2:30 p.m. Augustana Faculty, University Chapel, 4901 - 46 Ave., Camrose, AB.

Student Voice Recital Students from the studio of Charlene Brown present a student jury recital. There is no charge for admission. 7:30 p.m. Augustana Faculty, University Chapel, 4901 - 46 Ave., Camrose, AB.

APR 11 2005

Visiting Speaker Dr. Calvin Roskelley Associate Professor Dept of Anatomy and Cell Biology University of British Columbia Title of Talk:

On the road to EMT: Tumor subtype-specific phenotypes in breast cancer progression 9:30 - 10:30 a.m. 5-10 Medical Sciences Building.

PhD Thesis Defence Department of Cell Biology Ph.D. Thesis Defence Deena Leslie Title: Karyopherin-mediated nuclear import: mechanistic insights revealed through the characterization of Kap121p and cargoes 11:00 a.m. - 12:00 p.m. 5-10 Medical Sciences Building.

Practical New Methods for Selective Carbon-Carbon Bond Formation Department of Chemistry Visiting Speaker lecture presented by Professor Jonathan Ellman, Department of Chemistry, University of California at Berkeley, Berkeley, California 11:00 a.m. - 12:00 p.m. V-107 Physics Wing.

Department of Medical Genetics Weekly Seminar Series Dr. David MacLennan, Professor, University of Toronto, will present "Calcium Signaling in Health and Disease" as part of the Medical Genetics' Weekly Seminar Series. Everyone welcome! 4:00 p.m. - 5:00 p.m. Room 2-07 HMRC.

APR 12 2005

"Where are all the fast food restaurants?" Exploring obesogenic food environments in urban Edmonton Eric Hemphill, MSc (candidate) will present the results of research that examined fast food accessibility in the City of Edmonton and its relationship with neighbourhood-level socioeconomic status. He will highlight the objectives, limitations, and future directions of this work. 12:00 p.m. - 1:00 p.m. Classroom 3-40, University Extension Centre. 112 St and 83 Ave.

BME600 Seminar "Optical mapping techniques for studying cardiac electrophysiology" Speaker: Dr. Anders Nygren, PhD, Assistant Professor, Centre for Bioengineering Research and Education, Dept of Electrical and Computer Engineering, University of Calgary 4:00 p.m. - 5:00 p.m. ETLE 2-001 (ETLC).

Concert #3 of the package: Nathaniel Dett Chorale in Concert! The Augustana Faculty Choral Department presents Toronto's professional gospel choir in a celebration of Music Festival week here in Camrose. 8:00p.m. Augustana Faculty, University Chapel, 4901 - 46 Ave., Camrose, AB.

APR 13 2005

Medical Genetics Weekly Seminar Series Dr. Walter Maksymowych of the Department of Medicine will present "Interleukin-1: a non-MHC locus associated with susceptibility to Ankylosing Spondylitis" as part of the Medical Genetics Weekly Seminar Series. 12:00 p.m. - 1:00 p.m. 2-07 Heritage Medical Research Centre (HMRC).

PHS Grand Rounds Climate Change Month - "The Great Warming" - a 2004 three-part documentary that explores the underlying science and evidence of climate change. Dr Colin Soskolne will coordinate the series produced by Swiss Re, one of the world's leading reinsurers and the world's largest life and health reinsurer. Episode 2 - "Age of Uncertainty" 12:00 p.m. - 1:00 p.m. Room 2-117, Clinical Sciences Building.

APR 14 2005

Canadian Studies Lecture Series - Business luncheon with Mr. Robert Dutton, President & CEO of RONA Inc. Guest speaker: Robert Dutton, President & CEO of RONA Inc. Dutton holds a bachelor degree in business administration, majoring in marketing & finance. Between 1990 and 1992, he was Executive vice-president and chief operating officer, responsible for the company's overall management. Since 1992, he has been at the helm as RONA's president and CEO. 12:00 p.m. - 1:30 p.m. Westin Hotel, Edmonton.

"Future Trends in Clinical Gerontology" by Dr. Steve Zarit There is an obvious and growing need for a range of sophisticated programs and treatments for older people with mental health problems, yet interest among clinicians and researchers has grown slowly. Dr. Zarit will examine some promising directions for treatment and present some thoughts on overcoming the traditional barriers to increasing service to older people in need. This presentation is co-sponsored by the Alberta Centre on Aging at the University of Alberta, and by Athabasca University. 12:15 p.m. LC-113 Law Centre.

The Application of Mechanical Engineering in a Clinical Setting Dr. Adrian Liggins Syncrude Center for Motion and Balance Capital Health Authority. 2:30 p.m. - 3:30 p.m. 2-001 Electrical and Computer Engineering Research Facility (ECERF).

Almost Famous Cocktail Party & Fundraiser 3rd Annual Fundraiser in support of the Faculty of Extension's Liberal Studies art programs. Tickets: \$200 ~ includes a work of art from an 'Almost Famous' student; \$75 ~ Event only. Call: 780.492.9448 to order tickets. View art work for sale at: www.extension.ualberta.ca 7:00 p.m. - 9:30 p.m. Lando Gallery, 11130 - 105 Avenue, Edmonton.

For complete University of Alberta job listings visit:
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HUB Mall Goodie Give Away Come and celebrate the last day of classes, Friday, April 15th and enjoy FREE goodies (cookies and punch). Bring your friends to the Mural in the middle of HUB Mall from 11:00 am to 1:00 pm—see you there! 11:00 a.m. - 1:00 p.m. Old

positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOI/PPA). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons. With regard to teaching positions: All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. For complete U of A job listings visit www.hrs.ualberta.ca

PROFESSOR, COMMUNICABLE DISEASE EPIDEMIOLOGY DEPARTMENT OF PUBLIC HEALTH SCIENCES

The Department of Public Health Sciences in the Faculty of Medicine and Dentistry at the University of Alberta invites applications for a new full-time faculty position at an assistant, associate or full professor level. The person appointed will take a lead in teaching and research in communicable disease within the department and will have service responsibilities within the Provincial Laboratory for Public Health (Microbiology). This laboratory operates on two sites (Edmonton and Calgary) and supports provincial and regional public health programs. Core functions of the laboratory include laboratory-based surveillance to assist in the detection of emerging and re-emerging pathogens, evaluation of intervention programs and outbreak investigations (www.provlab.ab.ca). There are abundant opportunities for collaboration with a large clinical Division of Infectious Diseases in HIV, hepatitis C, and community and hospital epidemiology on a broad range of communicable diseases. The Department of Public Health Sciences, one of the largest in the field in Canada, has more than 100 graduate students in MSc, PhD and MPH programs, with an annual research budget in excess of \$6 million (www.phs.ualberta.ca).

The successful candidate (MD or PhD) will hold a graduate qualification in epidemiology, have strong quantitative training, skills and interests, and have a track record as an independent investigator in communicable disease epidemiology. A candidate with accreditation and experience in public

World Mural location in the middle of HUB Mall.

Department of Biological Sciences Kim McKim, Waksman Institute, Department of Genetics, Rutgers University is presenting a seminar on "The Central Region and Organizing Spindle Microtubules During Meiosis and Mitosis" at 3:30 p.m. in Room M-149 of the Biological Sciences Building.

health practice and a passion for both teaching and research will be particularly welcome. Academic rank and salary will be commensurate with qualifications and experience.

Expressions of interest, by June 15th, 2005 including a letter of application and curriculum vitae, should be made to:

Dr. N. Cherry, Chair
Communicable Disease Search and Selection Committee

Department of Public Health Sciences
Room 13-103 Clinical Sciences Building
Edmonton AB T6G 2G3
from whom further inquiries can be made in confidence.

DIRECTOR OF THE STEADWARD CENTRE FACULTY OF PHYSICAL EDUCATION AND RECREATION

The Faculty of Physical Education and Recreation in conjunction with the Steadward Centre for Personal and Physical Achievement at the University of Alberta, Edmonton, Alberta, invites applications for the position of Director of the Steadward Centre. This is a tenure track position at the rank of Assistant or Associate Professor with a suggested start date of July 1, 2005. This is an administrative appointment with support to enable the Director to maintain an active research program and to teach undergraduate and graduate students. The successful candidates will possess a com-

Department of Computing Science
Distinguished Lecture Professor Sebastien Thrun, Computer Science Department, Stanford University will present a lecture entitled: "175 Miles Through The Desert." Please join Dr Thrun for coffee and cookies at 3:00 pm., Lecture at 3:30 p.m. - 5:00 p.m. CSC B-02.

pleted doctorate, have strong evidence of effective teaching, and a proven track record of scholarly research and publication. The Faculty is interested in attracting individuals who are considered to be emerging leaders in disability (particularly physical disability), physical activity and sport. The successful candidate will have a commitment to fostering interdisciplinary teaching and research, and to maintaining and enhancing existing centre programs and developing new initiatives.

The Steadward Centre for Personal and Physical Achievement was established in 1978. The Centre employs 10 full time staff and provides programs for 500 individuals with disabilities. Programs are wide ranging catering to people of all ages including fitness and lifestyle, counselling and training for high performance sport. The centre has an active research program in areas such as the analysis of wheelchair technology, functional electrical stimulation and studies on the impact of physical activity on quality of life for people with disabilities. It also serves as a location for practicum students and graduate student research. Located within the Faculty's Van Vliet Centre, the Steadward Centre has two satellite programs off campus, and it has plans for an extensive expansion of its facilities in the next few years. The Steadward Centre web site link is: www.steadwardcentre.org

The Faculty of Physical Education and Recreation serves approximately 1000 undergraduate and graduate students. It offers several degree programs: BA, BPE, BSc Kinesiology, MSc, MA and PhD as well as a combined BPE/BED that is offered jointly with the Faculty of Education. In conjunc-

Academic Women's Association Annual Banquet & AGM You are invited to attend the annual AWA Banquet & AGM. AWA Members \$25; Student Members \$20; Non-members \$30. Send cheque payable to the Academic Women's Association to Marg Wilson, AWA Treasurer, 207 CAB. 5:30 p.m. Papaschase Room, Faculty Club.

tion with the School of Business, it offers an MBA in Sport & Leisure Management.

In addition to its academic programs, the Faculty has a full intercollegiate program of 12 sports and an extremely large and active Campus Recreation Program. The Faculty has full operational responsibilities for University sport and recreation facilities. Further information about the U of A and the Faculty may be obtained from <http://www.ualberta.ca> and <http://www.uofaweb.ualberta.ca/per/>.

Applicants should submit a curriculum vitae, brief descriptions of research and teaching interests and the names of three references (including addresses, phone/fax and e-mail addresses). Please direct correspondence to:

Dr. Michael J. Mahon, Dean
Faculty of Physical Education and Recreation
Room W1-34, Van Vliet Centre
University of Alberta
Edmonton, AB, Canada T6G 2H9
E-mail: mike.mahon@ualberta.ca
Telephone: (780) 492-3364
Fax: (780) 492-1008

Review of applications will commence April 30, 2005, and will continue until the position is filled.

ASSOCIATE DIRECTOR CAPITAL HEALTH EVIDENCE-BASED PRACTICE CENTRE DEPARTMENT OF PEDIATRICS

The University of Alberta/Capital Health Evidence-based Practice Centre (EPC) is seeking an

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associate director to be part of their vibrant, active and interdisciplinary research program. This research centre is housed in the Department of Pediatrics at the University of Alberta. The EPC is funded through grants from U.S. Agency for Healthcare Research and Quality (AHRQ) and other partners to develop evidence reports on a variety of nominated topics.

The incumbent will function as an associate director of the EPC. This will entail the following responsibilities: responding to requests for proposals from AHRQ; acting as investigator or co-investigator on relevant EPC projects; providing leadership and mentorship to the EPC staff and students; assisting with the development and execution of the methodological research agenda of the EPC; contributing to the administration of the EPC (e.g., recruitment, studentships, short- and long-term planning); and participating in additional EPC activities, such as the annual Putting Evidence into Practice Workshop. While the EPC will initially provide salary support, we expect the incumbent to be eligible for individual salary support awards such as a Population Health Investigator award from the Alberta Heritage Foundation for Medical Research or an investigator award from the Canadian Institutes of Health Research.

Candidates for this position will have a PhD or MSc in Epidemiology or a related field. Candidates should also have experience in conducting systematic reviews and/or evidence-based medicine research. Strong oral and written communication skills in English are essential and evidence of peer-reviewed publications is desirable.

This is a full-time, grant funded position for three - five years with an opportunity for renewal. Faculty appointment is available and will be commensurate with qualifications. Salary is negotiable and will be commensurate with education and experience. In addition, the University of Alberta offers a generous benefits package. The position will start as soon as an appropriate candidate is found.

Applications should be sent by April 30, 2005 to:
Kelley Bessette, Manager
Room 8411 ABC, 11402 University Avenue
Department of Pediatrics, University of Alberta
Edmonton, Alberta T6G 2J3
Email: kelly.bessette@ualberta.ca
Fax: 780-407-6435

ACADEMIC CO-ORDINATOR OF CLINICAL EDUCATION FACULTY OF REHABILITATION MEDICINE DEPARTMENT OF OCCUPATIONAL THERAPY

Applications are invited for the following full-time academic faculty position at the University of Alberta, Department of Occupational Therapy commencing July 1, 2005.

Ranked as one of the top occupational therapy schools in Canada, the Department of Occupational Therapy is poised for continued growth. Newly allocated funding has resulted in increased enrolment and expansion in program delivery methods. As part of the Faculty of Rehabilitation Medicine, the Department offers BSc and MSc degrees in occupational therapy and participates fully in an interdisciplinary PhD degree program in rehabilitation science. The department currently consists of thirteen full-time faculty members.

This assistant professor clinical-track position is responsible for managing the day-to-day operations of the fieldwork curriculum. This includes development of fieldwork sites, supervising students in non-traditional placements and counselling students as required. Candidates must possess a minimum of a BScOT plus an MSc degree. Knowledge of curriculum development is an asset. Teaching at the graduate and undergraduate level will be required. Minimum three-year appointment. Salary will be commensurate with experience.

Qualified applicants should send a curriculum vitae, a statement of teaching and research interests and the names of three (3) references to:

Dr. A. Cook, Dean
Faculty of Rehabilitation Medicine
3-48 Corbett Hall, University of Alberta
Edmonton, Alberta, Canada
T6G 2G4 Phone: 780-492-5991
e-mail: albert.cook@ualberta.ca

Review of applications will commence on April 29, 2005 and continue until the position is filled.

Further information on the positions may be obtained by contacting:

Dr. Joyce Magill-Evans, Acting Chair
Department of Occupational Therapy
Phone: 780-492-0399
Email: joyce.magill-evans@ualberta.ca

TENURE-TRACK FACULTY POSITIONS FACULTY OF REHABILITATION MEDICINE DEPARTMENT OF OCCUPATIONAL THERAPY

Applications are invited for the following full-time academic positions at the University of Alberta, Department of Occupational Therapy commencing July 1, 2005, or earlier if suitable candidates are found.

Ranked as one of the top occupational therapy schools in Canada, the Department of Occupational Therapy is poised for continued growth. Newly allocated funding has resulted in increased enrolment and expansion in program delivery methods. As part of

the Faculty of Rehabilitation Medicine, the department offers BSc and MSc degrees in occupational therapy and participates fully in an interdisciplinary PhD degree program in rehabilitation science. The department currently consists of thirteen full-time faculty members.

Highly productive, eager occupational therapists who have, or will be at the completion stage of a PhD degree specializing in psychosocial issues, pediatrics, and/or occupational performance are invited to apply. Responsibilities for these positions include teaching in both the entry-level and graduate programs, and maintaining an active research profile.

Successful candidates will possess a doctoral degree in health sciences, social sciences or related discipline, have a strong research background and the potential to establish an independent research program. A background in occupational therapy is preferred, but other areas will be considered. Evidence of successful grant applications will be advantageous.

Rank and salary will be commensurate with qualifications at the assistant professor level, however, associate professor appointments will be considered for outstanding candidates. The positions are available immediately. Review of applications will commence on April 29, 2005 and continue until the positions are filled. Interested applicants should send curriculum vitae and a statement of teaching and research interests to:

Dr. Albert Cook, Dean
Faculty of Rehabilitation Medicine
3-48 Corbett Hall, University of Alberta
Edmonton, Alberta, Canada T6G 2G4
Phone: 780-492-5991 Fax: 780-492-1626
Email: al.cook@ualberta.ca
Website: www.ot.ualberta.ca

Further information on the positions may be obtained by contacting:

Dr. Joyce Magill-Evans, Acting Chair
Department of Occupational Therapy
Phone: 780-492-0399
Email: joyce.magill-evans@ualberta.ca

ADMINISTRATIVE PROFESSIONAL OFFICER, DEPARTMENT OF SOCIOLOGY

The University of Alberta invites applications for the position of Administrative Officer in the Department of Sociology. Reporting to the Chair, the Administrator is accountable

for both strategic guidance and counsel to the Chair, the Department's Administrative Committee and faculty members in Sociology and the effective utilization of the Department's financial, human and physical resources.

Working closely with the Chair, the Faculty of Arts and other administrative units on campus the Administrator will be responsible for:

- application of six collective agreements including the NASA and Sessional Agreements.
- supervision of eight support staff.
- management of the Department's operating budget, endowment funds and other short-term funds.
- administration of the Department's research grant funding to ensure compliance with University and granting agency guidelines.
- coordination of the course timetable and assignment of teaching (160 sections during fall/winter session and 32 sections during intersession).
- management of departmentally-controlled space including renovations, maintenance, furnishings and assignment of space to faculty and staff.
- design and management of Departmental administrative systems and processes to ensure operational effectiveness.

The ideal candidate for this position will present the following:

- a university degree, preferably in the social sciences, plus training in business applications.
- well-developed skills in strategic planning, problem-solving and critical thinking.
- excellent written, oral presentation and interpersonal skills to comfortably provide advice and counsel to all levels in the Department.
- several years of administrative experience in a university setting including skills in financial analysis and project management.
- supervisory experience in a union environment.
- ability to adapt to cultural and organizational challenges and effectively manage change.
- excellent information systems skills including Microsoft Office, PeopleSoft administrative systems - financial, human resources and student administration, and Cognos reporting.

This Administrative Professional Officer position offers a competitive salary and a comprehensive benefits package. The salary range is \$47,493 to \$75,199 and is currently under review.

Résumés should be forwarded no later than April 12, 2005 to:

Dr. R. Sydie, Chair
Department of Sociology, University of Alberta
Edmonton, Alberta T6G 2H4
Fax: 1-780-492-7196
Email: rsydie@ualberta.ca

The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.

notices

Please send notices attention Folio, 6th floor General Services Building, University of Alberta, T6G 2H1 or e-mail public.affairs@ualberta.ca. Notices should be received by 3 p.m. Thursday one week prior to publication.

COMPUTING SCIENCE CHAIR SELECTION

The Chair Selection Committee for the Department of Computing Science has been established. Applications, nominations, suggestions, and comments are welcome. These can be submitted to the Committee Chair at the address below.

The Department of Computing Science is currently made up of 51 faculty, 31 support staff and approximately 200 graduate students (MSc and PhD). The Department is characterized as a young and active department -- yet one of the oldest computer science departments in Canada, having been established in 1964. Approximately 85 students graduate annually from BSc Programs with Specialization or Honours in Computing Science. Research activities generate approximately \$10.7 million in funding support. Further information can be obtained online at <http://www.cs.ualberta.ca/>.

Applications, accompanied by a résumé, and nominations should be submitted by Friday, April 8, 2005 to Dr. Gregory Taylor, Dean of Science, Faculty of Science, CW223 Biological Sciences or by electronic mail to gregory.taylor@ualberta.ca.

EFF - FSIDA (FUND FOR SUPPORT OF INTERNATIONAL DEVELOPMENT ACTIVITIES)

Application Deadline

The deadline for receipt of applications to the EFF - FSIDA is 4:30 PM, April 15, 2005. The next competition deadline dates are October 15, 2005 and January 15, 2006.

This Fund exists to enable staff and graduate students (normally PhD candidates) of the University of Alberta to participate in research and in the international transfer of knowledge and expertise through partnerships in developing countries.

Applications and guidelines are available on the University of Alberta International web-site <www.international.ualberta.ca> under "International Cooperation" and "Funding Opportunities" or from the FSIDA Secretary at University of Alberta International, 1204 College Plaza, 8215-112 Street, telephone 492-6440.

GRADUATE STUDENT TEACHING AWARDS

Eligibility

To be eligible for the Graduate Student Teaching Awards, students must be in good academic standing and must be making good progress in their degree program, as decided by their department. Awards should only be made to students who are considered outstanding teachers. Students whose teaching duties are outside their home unit shall be considered, for the purpose of adjudication, to be from the unit in which the teaching duties are assigned. Students who function as part-time sessionals should also be considered as eligible for the award. Graduate students must be nominated within one year of completing their term as graduate teaching assistants. The awardees must have taught as graduate teaching assistants for a minimum of two academic (four month) terms, which may include the term in which the nomination is made. Faculties will determine what duties qualify a graduate student as a graduate teaching assistant.

Adjudication Criteria

The adjudication criteria for the Graduate Student Teaching Awards are listed below. Deans who choose to have their units participate in this Awards program will determine how the competition will be conducted in their individual Faculties. Circumstances in individual Faculties may require modification of the criteria by the Faculty.

1. Exhibits a consistently superior command of the subject matter being taught and attempts to provide students with a comprehensive, coherent understanding of the subject matter.
2. Is prepared, organized and able to explain the subject clearly.
3. Is respected and trusted by students. Instills in students interest and enthusiasm for the subject.
4. Is willing to spend time with students and is available and approachable outside the classroom or laboratory.
5. Presents the subject matter at a level appropriate to students.
6. Takes care and is prompt in marking assignments; gives feedback and direction and promotes self-assessment by students.

No nomination for an award should be made if an outstanding candidate cannot be identified.

2005 GSTA RECIPIENTS

Faculty of Agriculture, Forestry, and Home Economics

1. J. Aurea Siemens, Department of Renewable Resources
2. Nick Wolanski, Department of Agricultural, Food and Nutritional Science

Faculty of Arts

1. Paul Boaheng, Department of Philosophy
2. Jason Daniels, Department of Psychology
3. Monica Flegel, Department of English and Film Studies
4. Christina Lynn Keppie, Department of Modern Languages and Cultural Studies
5. Kelly L. Laycock, Department of English and Film Studies
6. David Reddall, Comparative Literature Program
7. Sabine Sievern, Department of Modern Languages and Cultural Studies

School of Business

1. Federica Pazzaglia

Faculty of Education

1. David Hendrick Slomp, Department of Secondary Education
2. Lorraine Woollard, Department of Educational Policy Studies

Faculty of Engineering

1. Kevin Frank, Department of Mechanical Engineering
2. Tarek Hamida, Department of Civil and Environmental Engineering
3. Lingen Jiang, Department of Civil and Environmental Engineering
4. Scott Mussbacher, Department of Chemical and Materials Engineering
5. Lyle Sweeney, Department of Mechanical Engineering
6. Michael Taschuk, Department of Electrical and Computer Engineering
7. Matthew Yarmuch, Department of Chemical and Materials Engineering

Faculty of Pharmacy and Pharmaceutical Sciences

1. Amal A. El-Mabhouh

Faculty of Physical Education and Recreation

1. Jennifer Peco
2. Lisa Rogerson

Faculty of Rehabilitation Medicine

1. Smaranda Oana Fagarasanu

Faculty of Science

1. Kevin Lyle Andrusky, Department of Computing Science
2. Mary deRaeye Beisiegel, Department of Mathematical and Statistical Sciences
3. Chantel Lori Benson, Department of Chemistry
4. Andria Elizabeth Dawson, Department of Mathematical and Statistical Sciences
5. James Day, Department of Physics
6. Alexander Dutchak, Department of Biological Sciences
7. Rosana Hoi Shan Fok, Department of Mathematical and Statistical Sciences
8. Kristopher Harris, Department of Chemistry
9. Jennifer Rose Kelly, Department of Biological Sciences
10. Tara Leah Klassen, Department of Biological Sciences
11. Jennifer Landry, Department of Chemistry
12. Matthew Penner Larocque, Department of Physics
13. Thanh Luu, Department of Chemistry
14. Ryan Morelli, Department of Earth and Atmospheric Sciences
15. Rajeev Sasidharan Nair, Department of Earth and Atmospheric Sciences
16. Stephanie Danielle Neufeld, Department of Biological Sciences
17. David W. Norman, Department of Chemistry
18. Corwin Michael Nycholat, Department of Chemistry
19. Debbie Ann Plouffe, Department of Biological Sciences
20. Elizabeth Anne Powell, Department of Mathematical and Statistical Sciences
21. Dustin Rainey, Department of Earth and Atmospheric Sciences
22. Michael Stuart Russell, Department of Biological Sciences
23. Nabil Mohamad Salem, Department of Computing Science
24. Rodney Michael Schmaltz, Department of Psychology
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26. Sandra Vidakovic, Department of Physics
27. Nick Warner, Department of Chemistry

Mitra Knight



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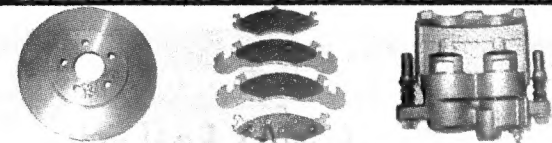
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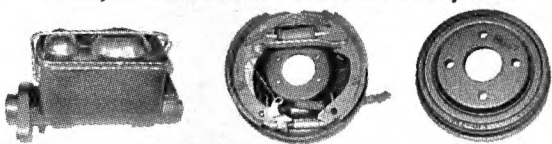


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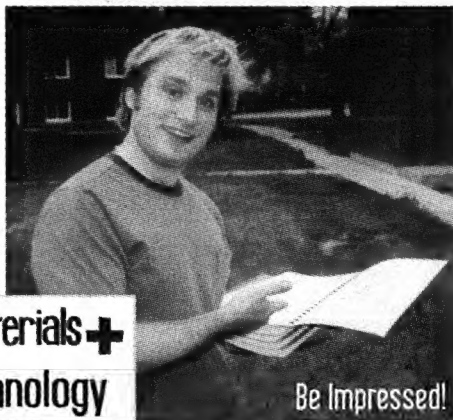
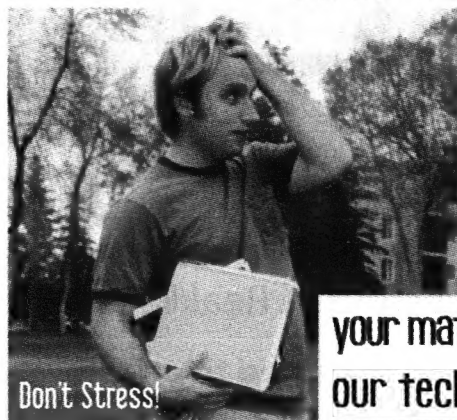


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The Department of Rural Economy, in the Faculty of Agriculture, Forestry and Home Economics,



is hosting a reception to honour **Jim Copeland** on the occasion of his retirement as Faculty Service Officer. Jim is a good friend and strong supporter of our Faculty and the University. Please join us to give him your best wishes.

Monday, April 4, 2005

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bedrooms, two baths, two underground parking stalls, storage, seven appliances, fireplace. Great location with access to university, Southgate, WEM. Beautiful unobstructed view of University Farm. Available immediately. 430-9165. \$1,400/month.

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TOP DRAWER TWO STOREY CONDO - for rent in Rosedale. The heart of the city 1300 sq ft. Two bedrooms, two bath, huge windows, stainless, wood flooring, ensuite laundry, two underground parking spaces. Close to downtown, U of A and river valley trails. \$1350/month, lease incentives. (780) 452-9037 erinecho@hotmail.com.

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*are delighted to announce new Heritage awards offered
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APPROXIMATELY \$40 MILLION has been approved for new salary support awards following recommendations from peer review advisory committees according to the highest international standards of excellence in research. The awards, for up to six years in duration, are offered to 54 outstanding researchers, some of them already working in the province and others in recruitment to Alberta from other parts of Canada.

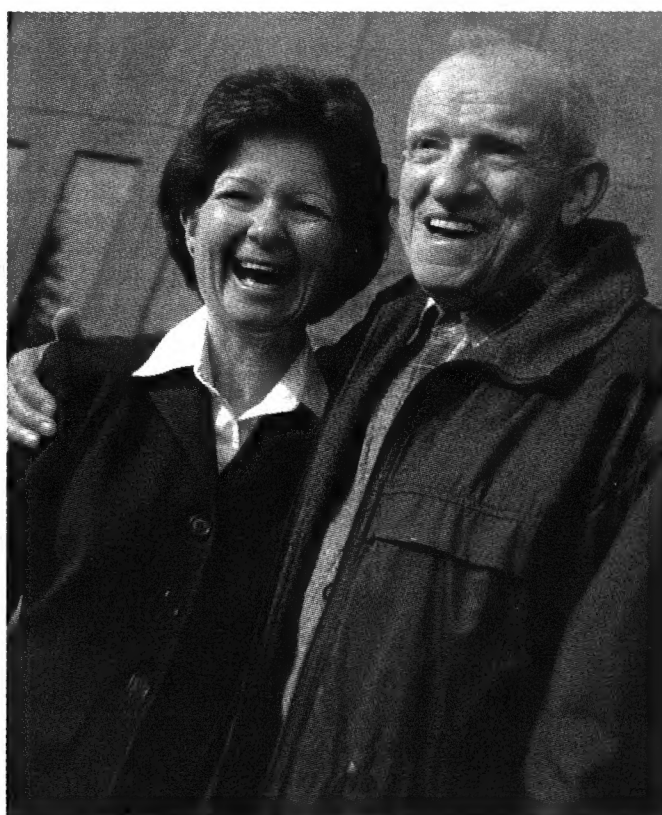
The 2005 awards mark AHFMR's 25th anniversary and bring the cumulative total of AHFMR health research funding in the province of Alberta to more than \$800 million. The Government of Alberta recently announced an additional \$500 million for AHFMR's endowment fund over the next three years. ■

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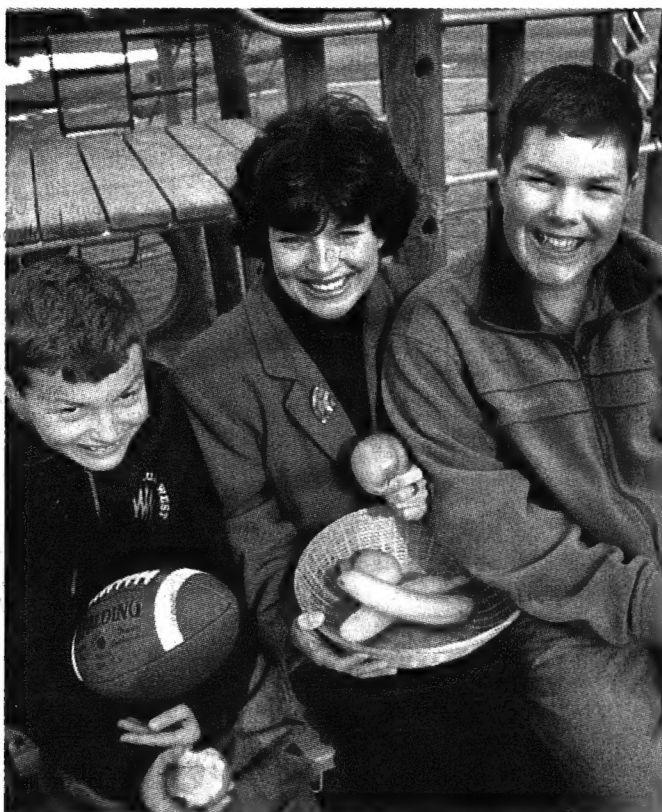


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(cardiovascular health) UC
Susan Andrew (medical genetics) UA
Geoff Ball (child obesity) UA
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Christopher Hunter
(bone and joint health) UC
Padmaja Kaul (heart) UA
Kathryn King (heart) UC



DR. BRENDA HEMMELGARN
Population Health Investigator, Faculty of Medicine, U of C



DR. KIM RAINE
Health Senior Scholar, Faculty of Agriculture, Forestry & Home Economics, U of A

Paul Kubes (inflammation) UC
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alternative medicine) UA
Zhixiang Wang (cell biology) UA
Michael Wheeler (diabetes) UA
Catherine Worthington
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Voon Wee Yong
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James Young (cell biology) UA
Douglas Zochodne (nerve repair) UC

*UA means University of Alberta
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25 YEARS OF EXCELLENCE



Golden Bears set record with 11th national title, their third in seven years.

By CIS Press and Alberta Sports Info

The No. 1-seeded University of Alberta Golden Bears overcame a two-goal third period deficit and overtime to defeat the Saskatchewan Huskies in the final game of the 2005 CIS TELUS University Cup in Edmonton.

Ben Thomson's tying goal with just 23 seconds remaining in the game, and his overtime game-winning goal were the story as the Golden Bears captured their record-setting 11th CIS Title and third in the past seven years. Alberta and Saskatchewan took their battle into extra time in front of a crowd of 10,331 rabunclious fans at Rexall Place before it was finally settled.

Trailing 3-1 at the beginning of the third period, Richard Hudema scored for the Bears in a goalmouth scramble. Bears Coach Rob Daum pulled the goalie with less than a minute to play and, with the extra attacker on the ice, Thomson

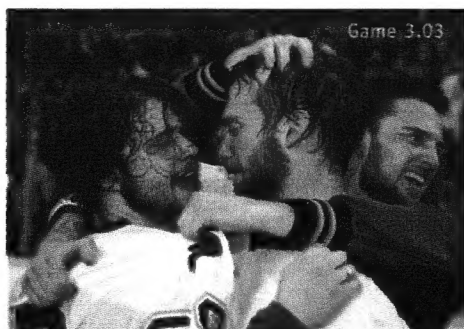
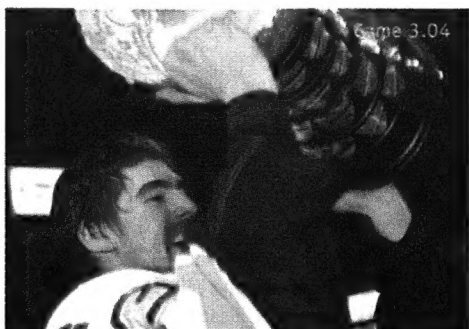
pounded a slap shot into the top corner of Saskatchewan's goal, sending the game into extra time.

The winning goal came at the 5:27 mark of the first overtime period. Huskies goalie Thomas Vicars made a save on a shot by Wade Burt. Thomson drove to the slot and wired the puck into the mesh for the 4-3 winner.

The National Championship victory was the third for Rob Daum in his tenure with Alberta, but after the game he said the happiness he felt was mostly reserved for his veteran players.

"This is the greatest thing in sports, to win a championship is what everybody plays for and to be able to achieve it, especially under these circumstances is indescribable," said the coach. "I'm particularly happy for the fifth-year guys that have been here five times and hadn't been successful." ■

Game1.01: Fans and players applaud a goal during Friday's game versus the UQTR (Trois-Rivieres) at Clare Drake Arena. Game1.02: Bears #27 Steve Shrum scores his second goal of the 11-0 win over the UQTR Patriots. Game2.01: Ben Kilgour reels in pain after a hit from a Manitoba Bison during second period action at Rexall Place on Sunday. Game 2.02: Bears net minder B.J. Boxma makes a crucial save during second period action versus the Manitoba Bisons on Sunday. Game 3.01: Saskatchewan Husky net minder and Tournament MVP Thomas Vicars, smiles after making a crucial glove save in the second period of the final game at Rexall Place. Game 3.02: An unidentified Saskatchewan Husky knocks the helmet off Bears forward Ben Kilgour during second period play at Rexall Place on Monday. Game 3.03: Tournament MVP Ben Thomson (left) celebrates with Tournament all star Ben Kilgour (middle) after the win on Monday. (unidentified player on far right) Game 3.04: Bears Captain Mcleod raises the CIS cup after the Bears overtime win versus the Saskatchewan Huskies on Monday. Game 3.05: The Bears celebrate their eleventh CIS National Championship.



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